

## *Secret of Light - Walter Russell*

The foundation of the physical universe is motion; the ever-changing motion arising out of pairs of unbalanced conditions, which must forever move to seek the balanced stillness of unity, from which they sprang as multiple pairs of units. Unbalanced motion is the Negative Principle of instability, multiplicity and separateness, which is this physical universe of electric octave waves of opposed lights. In the Negative Principle there is no positive. It is composed entirely of pairs of negations, which are forever voiding each other, canceling each other's action and reaction, thus negating each other by never allowing either one to exceed its fixed zero of universal stillness. The still magnetic Light universe of God's knowing is an invisible, unchanging, unconditioned and immeasurable quality from which visible, changing, conditioned and measurable quantities spring to simulate those qualities through two-way wave motion. The God-quality of the One Light is seemingly transformed into quantities by being divided into pairs of oppositely conditioned light pressures of this electric universe. These divided pairs are then multiplied into countless octave wave units of light pressures and set in opposite directional motion to create the illusion of sequence, change, dimension, condition and time in a universe where none of these effects of motion exist. The calm sea, for example, is an unchanging, immeasurable quality of oneness, of sameness and stillness. Upon its calm surface there is no change, nothing to count or to measure. The moment that quantities of waves spring from that quality of calm, those quantities can be measured. Likewise, they are forever changing. Nor are there two points in them, which are similarly conditioned. This creating electric universe is composed of moving light waves, which spring from a calm sea of the one still Light. The Creator is One Mind indivisible. Creation is One Whole Idea of Mind divided into countless simulated ideas of mind, through motion. The simulation of Idea thus expressed is not the idea that it expresses. Parts of the One Whole Idea only seem. There are no two separate or separable things in the universe. There is but One Whole Simulation of the One Whole Idea.

### **Sensation And Consciousness**

God is consciousness. Consciousness is static. Consciousness is the KNOWING of mind. Knowing is static. Consciousness is the spiritual awareness of Being, of all knowing, all power and all-presence. Thinking is electric. God's thinking is expressed by two-way moving wave extensions from consciousness, like a lever swinging upon a fixed fulcrum, or like waves extending from the calm sea. Thought expression is dynamic. Thinking belongs to the electrically sensed and conditioned vibrating universe of motion. Thinking is the motionless principle in light, which creates the illusion of motion. The Self of man belongs to the static, invisible, conscious, unconditioned universe of KNOWING. We express knowing in the dynamic, visible, electrically conditioned universe of sensation. Sensation is the electrical awareness of motion simulating the spiritual QUALITIES of the One Idea by creating imaged QUANTITIES of separate forms, which seem to have substance. God is consciousness. Consciousness is static. Consciousness is the KNOWING of mind. Knowing is static. The universal Mind centers every particle and mass in this universe; animal, vegetable or mineral, electron, atom or sun. Man is the only unit in Creation who has conscious awareness of the spirit within him and electrical awareness of dually conditioned light acting upon his senses. All other units of Creation have electrical awareness only. Man alone can be freed from body to think with God, to talk with God and be inspired by His centering Light. All other units of Creation are limited in their actions to automatic reflexes from sensed memories built up through ages of sensing and recording such sensing as instinct. All forms in this creating universe of imagined forms are but electric recordings of God's imaginings. They have no existence. Records of idea are not the idea they record. They have no substance. They are but black and white lights of sun-centered wave fields of space assembled in vibrating systems to simulate substance in an objective universe, which is not, but seems to be. God's imagining never began and will never end. It was not "created" at some remote past time by some vast cosmic event, as commonly believed. Nor is it condemned to a "heat-death" by expansion into nothingness. This is a creating universe, not a created one. God did not begin to imagine at some fixed time, for time does not exist. This light-wave universe which records God's knowing by His thinking and imagining is as eternal as God's thinking is eternal.

### **Inspiration**

Inspiration is that deep awareness of the consciousness of being which differentiates the genius or mystic from the being of average intelligence. Inspiration in man is accompanied by an intense mental ecstasy which is characteristic of all who become intensely conscious of their closeness to God. Inspired geniuses forget their bodies while deeply conscious of their existence as wholly Mind. Their bodies, thus forgotten, act almost automatically in obedience to instinct and cell memory reflexes. Inspired geniuses translate God's knowing into words of man for the soul of man. They uplift all mankind by transpiring all who listen to their ecstatic words and rhythms.

### **Cosmic Consciousness**

The Mystic is one who has attained cosmic consciousness by a complete severance of the seats of consciousness and sensation. He is then almost totally unaware of his body and is totally aware of the Light of God centering him. Omniscience comes to him in that timeless blinding flash of light, which is characteristic of a complete severance. This experience was described in the illumination of St. Paul. Every timeless flash of intense inspiration which comes to any man is a partial illumination, for inspiration is the manner in which new knowledge comes to man from the cosmos.

### **Creative Expression**

To conceive we must stop thinking and KNOW. All sensing must cease. There is no power in thinking. Thinking but expresses the power, which lies in knowing. We must project our Selves into the still Light of knowing to commune with God. We must become one with God to conceive idea in order to produce the form of that idea. A concept must precede its manifestation in form.

### **Knowledge**

Knowledge is cosmic. It belongs to the still Light of the positive principle. It never can become a property of the two negations, which constitute this mirage universe of matter in motion. To "know all things" means to have all

knowledge of the Whole One Idea of the cosmos as CAUSE. It does not mean knowledge of created things, which are effect of cause. The whole Cosmic Idea is simple. It can be known by any one of average intelligence. Its bewildering complexities lie in effect of cause. Man cannot acquire knowledge from books or schools. He can but acquire information that way, but information is not knowledge until it is recognized by the spiritual consciousness of man, just as food is not nourishment for the body until it becomes a part of the blood stream. Information gained by motion of the senses must be returned to the stillness of the Source before it becomes knowledge.

For the same reason man cannot acquire knowledge from the so-called "facts of matter," for there are no facts of matter in a universe of transient matter in motion. All matter in motion is but a series of illusions, which deceive man into drawing wrong conclusions. It is impossible for man to draw right conclusions from his observation of matter in motion until he has acquired the ability to translate dynamic effect back to cause. This he can do only through decent ration to the One Light of his conscious awareness of the Source of all knowledge. Until he knows the WHY of effect and its deceptions, he has no knowledge whatsoever upon which he can rely. He has naught but unreliable information. Nor can information concerning the material body alone, its chemistry and its functioning's, heal the body. Bodies manifest life, but life is cosmic. Life is not in the body. Life is spirit, and spirit is still. Life is not chemistry or germ of matter. To heal the body so that it can manifest life of the spirit Self of the body, one must give the unbalanced body the balance of the spirit. Knowledge of the Light can alone do this. All the information in the world will not heal a body unassisted by the Light in him who heals and in him who is being healed.

### ***Knowledge Versus Thinking***

Man's knowledge is his power. His thinking is the expression of that power. The expression of power is not power, therefore thinking is not power. As man gradually becomes aware of his omniscience, his thinking intensifies in voltage in proportion to the increase in awareness of his omniscience. Thinking is an electric wave extension from the centering fulcrum of knowledge, which seemingly divides knowledge into ideas and sets those ideas in motion to create forms of ideas as product of knowledge. Man's knowledge is like a deep well of still water. His thinking is like a two-way pump which divides the QUALITY of that stillness into QUANTITIES of parts and sets them flowing. That is what the objective universe is; quantities of many seemingly separate forms of idea, all of which are but parts of the One Whole Idea. Water cannot be drawn from an empty well, nor can clear water be drawn from a muddied well. Likewise good product cannot come from intensive thinking unless knowledge backs that thinking. No idea of Mind can ever become matter. Idea of product can never become product. Moreover, no expression of anything in Nature is the idea, which it expresses. The product of idea is not the idea it simulates. Idea is cosmic and cannot be produced in matter. Idea must be conceived in the Mind before it can be simulated as product. Conceptions belong solely to the magnetic God-Light and never become matter. A lever, for example, moving upon its fulcrum, expresses the idea of power by motion, but the idea of power is in the still fulcrum source of power. It is not in the moving lever. The lever would be both powerless and motionless if it did not have the stillness of the fulcrum from which to extend the simulation of power.

### ***Thinking Versus Sensing***

Sensing is not thinking. Sensation is but an electrical awareness of wave motion by other waves. We mistake the electrical records of the information, which our brains have recorded as sensation, for thinking and for knowledge. Information thus acquired by the senses is not knowledge, however. A man may have vast information and skill but have very little knowledge. The greatest scientists of today, for example, are well informed. They know how to do wonderful things but do they know the WHY of what they do? Information from observed effects, and skills in putting those effects together for useful purposes, have multiplied vastly since man first observed natural phenomena. His sense of observation told him how to make a boat; then a sail for the boat. He then discovered the wheel and fire. Electric awareness of effects of motion, plus memory, plus the power to reason objectively, gave him the ability to do this. Very little of it has been due to either thinking or knowledge. We thus confuse sensing for thinking and knowing when, factually, we have been but functioning through sensed electrical awareness acquired from information. The "information" thus conveyed is electrical, not mental. The telegraph message which goes over any wire is not the thought conveyed by that message. Even the typed telegram is not the thought conveyed by it. Its symbols inform the thinker of the thought conveyed by it, but it is not the thought. Thus it is that our vast mechanistic, electrically motivated universe is inter-sensitized for the purpose of informing every nerve ganglion in every cell of every organic and inorganic part of it of the condition of every other part of it.

### ***Our Supposedly Five Senses***

In speaking of an electrical awareness, which we call sensation, we think of our senses as five in number. These are the senses of seeing, hearing, tasting, smelling and feeling. All of these five senses are but the one sense of feeling. We do not have five senses. Seeing is a sensation of feeling light waves through our eyes. Hearing is a sensation of feeling light waves through our ears. Tasting and smelling are sensations of feeling light waves reacting upon mouth and nostrils. All variation in sense of feeling is due to a difference of electric conditioning in pulsing wave matter. If pulsing wave matter is but an electric wave record of thought, sensation likewise is but an electric wave record of thought. Neither of them have reality. Neither of them are the thought they record. It also follows that if matter, motion and substance are electric records of thought, then sensation has no reality—for sensation is but an electrical awareness of wave motion by other waves. It likewise follows that if matter, motion and substance are electric wave recordings of thought, then electricity which records thought, and thought it, are nonexistent. There is but one thing in this universe—LIGHT—the still Light of all Knowing. The One Light, which is God. God alone lives. His thinking and imagining is Knowing; the Knowing universe is all that is; Knowing Mind is still. There is no activity whatsoever in the universe of either spirit or matter. Newton, for example, confessedly did not know what gravitation was, yet wrote laws concerning it based upon his observation as to what gravitation did to an apple. Also, he concluded that the moon would fall upon the earth if it were not for its motion. He even proved this mathematically, not being aware of the fact that those same mathematical formulae would apply to every satellite, planet and star in the heavens, as well as to every electron in every atom, none of which are falling into their primaries. Observers in Natural phenomena are still

calculating the age of the universe and weight of the earth. The universe is ageless. It had no beginning. Likewise the earth has no weight in respect to anything else in the universe. Every orb in the heavens is in perfect balance with every other orb.

### ***Messengers of the Light***

From these rare few, the beginnings of our culture have sprung. Without them there would be no understanding of beauty in the world. Without beauty man would still be barbarian. Through beauty alone will he gradually become consciously aware of his oneness with the Light? When man knows the Light he will know all things. Today that Light is so dim in all mankind that no one has as yet fathomed the secret of Light, or of gravitation, radiation, electricity, growth, life, reincarnation or the wave.

### ***Sensing Binds All Things***

The electric inter-sensitizing of the two pulsing light extensions of the One still Light is for the purpose of recording thought-patterns in matter. Mind knows but one idea as a whole. Thought is idea taken apart and patterned as separate idea. Thought is patterned idea electrically expressed and electrically recorded in matter by its two pulsing, interchanging lights. This universe of matter in motion is but the electric record of thought. The process of recording is to take the one undivided Universal Idea apart and express it as many seemingly divided parts. This gives form & multiplicity into many seeming parts & things of a universe of but one thing.

Electricity is the servant of the God-Mind. Electricity expresses the desire in the God-Mind for creative expression by seemingly dividing the one still light into transient waves of spectrum divided positive-negative solely of transient light waves in seeming motion. Motion itself is illusion.

### ***Seeming***

All patterned thought creations of God or man are the interweaving of the spectrum colors of the two electric opposites of light-waves into the patterned designs of those thoughts. Creation might be likened to the tapestry weaver who KNOWS the one idea as a whole, then THINKS it into parts, then RECORDS those parts by interweaving their spectrum colors into the many forms which, together, manifest the whole idea. All idea is one idea in the light of the sun. The light of the sun is never divided into its many seeming separate ideas until it is electrically extended from the sun and those extensions electrically echoed back to it.

The sun is a crucible, which melts all ideas into one, then sets them out into space to cool and separate into many units of that one. Likewise idea of Mind never becomes the many ideas of Creation until electricity divides that one idea into many separate parts. The One Light cannot be divided, but extensions of the One Light can appear to divide it. The spots of sunlight upon the cathedral floor are many, but they are all extensions of the one light of their source in the sun. Likewise all mankind is an extension of the one idea of man for man is but One in the Light of his Source. Likewise all moving extensions of the One still Light, as manifested in the white light of suns and the black light of their surrounding space, are but extensions of one Source.

### ***All Idea Is Still***

The cinema exemplifies this meaning. Upon the screen are many patterned ideas in noisy, violent motion. We know, however, that all of the motion of separate ideas, and all of the sounds emanating from those patterned, moving forms, would instantly cease if the still source of light from which these images and sounds are projected were turned off. We know that the cause of all this transient division into positive and negative effect is in the one still light from which it is projected. We know that the sounds we hear emanate from that stillness, yet we seem to be totally unaware of the fact that all of our pulsing universe is but an extension of One still Light of Universal Mind, projected through positive and negative light upon the universal screen of space. It is difficult to conceive earth and all of its phenomena of motion, sound, people, animals, and plant life, as a motion picture projection from our sun. Yet all of the separate ideas of earth are in that one incandescent light of the sun. All are but one thing, Light. Turn off the sun and all of its patterned ideas on earth would instantly cease. The still idea, which is extended into motion, is not in the motion but in the stillness from which it is extended.

### ***Function of the Brain***

The brain does not think, nor does it know. It is but a storehouse of recorded sensations. The brain "remembers" these records for man's usage as he needs them, and for fulfilling the requirements of his body. The brain is a complex state of motion expressed by waves of light pulsing in cycles. States of motion cannot KNOW anything, nor can they THINK anything. The brain is part of a machine, a human machine. Machines can express thoughts, which are electrically projected through them, but machines are incapable of thinking the thoughts thus projected. Likewise machines can express knowledge but they cannot have knowledge. Likewise machines can do marvelous things when patterned and controlled by knowledge, but they cannot KNOW what they do. The centering conscious Mind of man's Soul-will alone thinks by projecting desire for creative expression through the brain machine. Desire in Mind is electrically expressed. Electricity is the motivate force which projects the One Light of Mind two ways to create cycles of light waves for the purpose of expressing thought cycles. Desire is not in the brain. It is in the centering conscious self. Desire is the cause of all motion.

### ***Brain Records Sensations***

The brain is but the electric recording mechanism of conscious Mind thinking. It is also man's storage warehouse of electric records of memories and thoughts since his beginning. It is the servant of Universal Intelligence. It operates  $\updownarrow$ B mechanisms of the body. It acts as the central switchboard for all its instinctive voluntary and involuntary actions. The brain in the sea of sensation. Its purpose in this respect is to keep the body electrically informed of the condition of the body, through electrical messages. Such messages are not mental. They are purely electrical. They produce sensation. The brain senses and records every message. It sends counteracting message to other parts of the body. The body is a vast and complex mechanism. The brain is an electrical recorder, distributor, broadcaster and receiver for all operational parts of that multicolor machine, but its actions have no relation to intelligence. The brain records sensations of experiences and observations, which the senses convey to it. Such sensations are mistaken for thinking and knowing. Sensation arising from electrical motion is purely automatic. The mistake in assuming that the brain

thinks and knows is due to the fact that man believes himself to be thinking when he is only sensing. Man also believes that he is acquiring knowledge through sensed observation of sensed EFFECT, when he is but recording electrical sensations, which inform him as to the nature of things, observed by his senses. The body is a patterned machine designed to do many things. Electric motivation through nerve wires determines each movement. When such sensations act in unison with his conscious awareness of the Light, which centers him as PERSON, he is then thinking as well as sensing. The centering consciousness of man, the PERSON, transforms information received by the senses into knowledge to the extent of which he is capable of recognizing CAUSE in spirit, back of the EFFECT which his senses record. Until that transformation takes place, man is without knowledge no matter to what extent his senses may have informed him, for information is not knowledge. The whole universe of countless parts is wired together by an electric flux of "nerves" which inform each part of the. Universe of the ever-changing condition of every other part. There is no "sensation" between balanced parts or balanced conditions of matter. By "sensation" we mean the feel of the electric current which conveys the message. The electric current is impossible in an equilibrium condition, hence we can feel no sensation whatsoever condition, hence we can feel no sensation whatsoever when our bodies, or parts of them are in a balanced condition. Electrical awareness is necessary to an electrical mechanized universe. An electrically controlled machine in one's factory has exactly the same electric awareness that a man has. Its wired nervous system conveys electric messages to its parts for the dual purpose of motivating them as well as for adjusting all parts to each other in continuity. Man's body cells are electrically aware of their mechanistic purposes and respond to electric messages sent to them. They have electrical cell memory of their individual and group purposes. They act automatically when sensed reflexes are electrically motivated. Bodily functions, such as our heartbeat, digestion. Cell memory reflexes, automatically operate chemical gland transformation, breathing and walking. Cell memory and instinct cause birds to migrate, spiders to spin webs and certain vegetable growths to close in on flies and fish. Instinctive actions and cell memory reflex actions are not mental. They are purely mechanical and automatic.

### ***Electric Awareness Is Universal***

This principle of electric awareness, through sensation, is not limited to animal life alone. It is equally characteristic of the mineral and vegetable kingdoms. It extends to the varies electronic particle and to the mightiest galaxy. Not only is each particle in each mass electrically aware of its purpose, but also each particle in the entire universe reacts in response to electrical messages sent to it from every other particle in the universe. This physical universe is controlled solely by electrical sensation, which is measured and balanced by the still magnetic Light, centering all things.

### ***Instinct***

Organic matter generates purely from the desire of mind to manifest idea in matter. That cosmic desire to create form produces the desired form. Desire is the motivating force of all Creation. Man begins to express the idea of man as a single cell. The whole idea of man is in that single cell. It then unfolds in orderly time and space according to cosmic law. Likewise the whole idea of all Creation is in that single cell. All idea is omnipresent. There are no parts of the Whole. Each step in the unfolding of the man-idea follows the continuing desire for unfolding. Cell memory of purpose is given to each cell as it unfolds. Pattern of idea follows in sequence as desire in God Mind and desire in the growing idea work together to express the idea in form. Every action of unfolding man is a part of the unfolding of the man-idea, as it exists as a whole in God's mind. Any desire of man is, therefore, a two-way extension of the Light of that idea from God to man. Whatever God desires to express in man He will express, for He is man's Creator. Whatever man desires, the God in him will create. Man must, however, co-create with God according to God's universal law. If man breaks that law the law will break him to an equal extent. Instinct causes mechanical actions to take place in all bodies to meet the necessities of existence. Instinct protects animal life from enemies. It tells the proper food to eat, how to build nests, how to take care of its young, how to return home when taken great distances, as the carrier pigeon does, and countless other wonderful things that animals do. A salmon, spawned in a certain river, instinctively leaves that river and makes its way to the sea until maturity. At the proper time for its mating and spawning, it then returns, over thousands of trackless miles, to the very river in which it was born. It is instinct, which tells birds to fly south before winter. Instinct tells them the direction of south. Instinct tells them it is warmer in that direction. Instinct likewise governs the migration of seals, the building of the beaver's dam and the weaving of the spider's web. Instinct might be defined as a cell-memory record of all of the actions of a body, and all of the sensations caused by those actions.

### ***Beginnings Of Instinct***

Without instinct in all animal and vegetable life, their evolution would not be possible. All creations of the Creator are the result of electric wave recordings of the Creator's thought. They are parts of the whole Idea taken apart and put together bit by bit. They are the result of Universal Law, of Cause and Effect. None of the creations of the Creator have in them at their beginning the power to think. It takes millions of years for complex organisms to recognize the spirit within them sufficiently to think at all. During these long ages, they are guided almost entirely by their instinctive reflexes. Man alone has begun to think, reason, imagine, create and invent, and then only during the last few thousand years.

### ***Instinct Is God-Control***

Instinct is, therefore, God-control over the actions of His creations. The involuntary actions of the body, such as the heartbeat, or the action of white corpuscles, do not know their purpose in the healing process of the body, but God centers and controls every atom of His Creation and each must fulfill its purpose.

### ***Instinct Building By God And Man***

A good example of the manner in which God and man work together for creative expression is the familiar •knitting woman. Knitting is part of the man-idea, which requires a skill. The woman who desires to knit must desire to acquire that skill. Desire must precede all expression of that desire. Slowly she takes one stitch at a time. All of her power of concentration is needed to take those first stitches. Each stitch taken, however, has within it the desire for taking the next stitch. Very slowly she interlaces yarns into the pattern required. The cells of her fingers gradually acquire cell

memories of their purpose. These cells coordinate with other cells of the body in the development of the whole skill. Gradually she learns to knit instinctively. Her mind is freed from concentration and she may think of other things and converse freely. Her body cells alone will work from the memory of purpose given to them. Instinctive skills are thus imparted to bodies of man by the co-creative efforts of God and man. The pianist teaches his fingers to work instinctively in order to free his mind to think music. God is working with him. Without this moment-to-moment cooperation with God, he could do nothing.

### ***Unconsciousness, Sleep And Pain***

Our confusion in this respect lies in mistaking sensation and thinking for consciousness. When we stop thinking, whether asleep or awake, we do not stop KNOWING, nor do we cease being consciously aware of our Being. We but cease to set our knowledge in motion to express idea through the pulsations of thinking. Conscious Mind does not sleep. Sleep is merely the negative half of the wave cycle of electrical awareness of sensation. Wakefulness is the positive half. All nature sleeps when the sunlight lessens the ability of all things to manifest life. Sleep is the death half of the life-death cycle. Conscious awareness KNOWS. Unawareness means that one does not yet know. Knowledge is within him when he can know when he desires to know. Sleep and wakefulness are positive-negative wave parts of a wave cycle, just as birth and death are opposite ends of a life cycle. Sleep is but an anesthesia. Sleep can be induced chemically, either to the whole body or any part of it by desensitizing its cells. When the body or parts of it are thus "put to sleep," they have not been rendered "unconscious"; their voltage has merely been lowered. Pain is a too intense electric current. The voltage is too great for the nerve wires to stand the strain. They burn out, and the overcharge of burning out causes the pain. When the nerves of the body FEEL an electric current running through them, the body is aware that something is happening to throw it out of balance. When the body is in balance, it has no sensation. When the body is unbalanced, sensation informs it when and where, otherwise it could not function. Wakefulness and sleep are merely the charging and discharging of the uncountable electric batteries of the body. If these batteries were kept constantly charged, there would be no such alternating conditions as sleep and wakefulness. This planet is carrying us on our uphill journey to our pinnacle. The sun is the generator, which charges its batteries. The sun is that generator, but the earth is turning toward and away from its generator continually. As the sun's charging light disappears from one edge of the planet's rim at evening, everything goes to sleep. Conversely, all things awaken at the dawn. The batteries of all things on earth are being forever charged daily and discharged nightly.

### ***This Make-Believe Universe***

The entire dynamic wave universe of electric matter is not what it seems to be. Everything, which seems at rest, depends upon violent motion to make believe it is at rest. A wire wheel could appear to be a steel disk if spun fast enough. The faster it is spun, the more at rest it would seem. This planet, seemingly at rest, is in violent motion around its centering point of rest from which it is electrically extended. Seemingly motionless clouds, floating above the earth, are rotating with it at the tremendous speed of one thousand miles an hour at the equator, or four times faster than a plane. All the planets are revolving swiftly around their central sun, which seemingly stands still in the heavens of space, but in fact is moving with incredible speed. Likewise, all the stars of night, simulating rest, are moving at terrific speeds to adjust their mutual unbalances in this dual universe of divided pressure. The pencil in one's hand, the desk upon which one is writing, the room full of motionless things, seeming to be at rest, are but simulating rest through violent motion of their many parts. Tremendous vibrations may be in that glass paperweight. Not one thing could manifest the rest it simulates if it were not for the incredible speeds of those atoms, which so incessantly rotate and revolve to make that seeming restfulness possible.

### ***Illusion Of Change***

Change is an illusion of the senses due to motion. There is no change whatsoever in the conscious universe of knowing. There is only an illusion of change set up by the two interchanging lights of thinking to divide the One Whole Idea into many separate ideas and record them in moving matter. The senses are the audience for these thought pulsations. The senses are a part of this illusion. Senses are electric. They belong to the thought universe of motion and do not respond to stillness. As motion itself is non-existent, so also are senses non-existent. The senses are but the imagined records of imagined motion, matter and change. As such they are limited to pinhole peeks into the vastness, which extends beyond their sensing. The senses have no knowledge of what they sense. They merely record motion. The senses respond to motion in only one direction. They cease the forward flow of time but not its backward flow. If they could register both directions, they would become aware of the stillness of this zero universe of seeming motion. When our knowing exceeds our sensing, we will no longer be deceived by the illusions of our senses. A man seeing a Technicolor motion picture for the first time and without knowledge of such electric effects, would think he was looking through a window at real happenings, unaware that it was but an illusion "created" by projecting positive light through patterned negatives. That is all that creation is; two lights projected through each other to simulate motion, form and change. Our senses are like passengers on a fast-moving train. They sense parts of the landscape as they rush forward, while, to their senses, the landscape rushes backwards. The senses interpret these effects as matter in fast motion, which is forever fast changing. A man, seeing the same train from a mountain, would sense that same fast motion and fast change as changeless and still. As man unfolds from sensed man to spiritual man he gradually becomes aware of the two-way motion of all effect; that two-ways being the visible effect which responds to his senses and the invisible effect, which he knows but does not sense. The fly sensed motion by changing its position on the wheel. It sensed change by finding a seeming difference of condition at each forward movement. It sensed time by creating the sequences necessary in taking the one idea of the wheel apart and dividing it into many separate ideas. This simple analogy is a good symbol of Creation. This planet, like the fly on the wheel, moves forever around its motionless orbit. The orbit is as rigid and still as the wheel upon which the fly is moving. As the planet moves upon the wheel of its orbit, it senses constant motion and change. It senses changes of days into nights, of spring merging into summer, autumn into winter. All of these seeming changes are in the motion of the planet and not in the wheel of its orbit. Each change is entirely due to the motion of the planet and not to the

changeless orbit. The planet itself registers change on its changeless wheel. Change therefore lies in motion alone. The senses are motion; therefore the senses sense only that which they themselves are.

### ***Inadequacy Of The Senses***

Man overrates his senses. He places too much dependence upon them without justification, for they are not recording all of the phenomena of his surroundings. He likewise trusts them too much without justification, for they are constantly deceiving him. While his senses are recording the stillness and rest of Nature on a lazy afternoon, they are failing to record the violent motion of everything in his entire environment, from the blade of grass to the clouds in the heavens above him. Those seemingly motionless clouds are moving at the speed of a thousand miles an hour at the equator without the slightest evidence of that swift motion being recorded upon his senses. The earth also is moving many miles per second in two directions; one of rotation upon its axis and the other upon its orbit. His senses register stillness. They are electrically unaware of that motion. This deception is as it should be, just as the same deception in a cinema is as it should be. God's universe is but an electric recording of His knowing, manifested by His thinking. To thus record the idea of His knowing in the two lights of His thinking, a three-dimensional universe is necessary. If the senses could detect and record all motion, instead of but a part of it, the illusion would disappear. The senses would see behind the illusion and find that all motion voids itself. Division of the whole into parts causes the illusion. If the film were removed from the projector of the motion picture, the illusion of motion and change would be voided. That is what Creation is, the One Light of knowing divided into the patterned parts of thinking. Sensing is but an electric tension set up by the seeming division of one into many which "strain" to fulfill its desire for the oneness. When a unity of condition is consummated, sensation between those parts ceases because the tension ceases. The senses, being but tension of desire for unity between divided parts, have no existence. The senses are electric flux threads of light connecting every particle in the universe with every other particle. They are the intercommunicating nerves of the one universal body. When strain of desire for balance, rest or unity ceases, sensation ceases. In this electric universe, sensation is the strain of resistance to the separation, which exists between all separated masses. All matter is one. Separated particles desire to find that oneness. "Let us give man knowing, and make him in our Image after our likeness: and let him have 'dominion over the fish of the sea, and over the fowl of the air, and over the cattle, and over all the earth, and over every creeping thing that crept upon the earth. And lo, man knew God in him and emerged from the dark of his jungle into dawn of the Light in him and turned his eyes upward toward the Mount of his ascension from sensing to knowing. And man desired his ascension to the Light. And God saw that it was good and dwelt within man to give him the Light of all knowing, as awakening man desired the Light of all-knowing.

### ***Law Of Balance***

The underlying law of Creation is RHYTHMIC BALANCED INTERCHANGE in all transactions in Nature. It is the one principle upon which the continuity of the universe depends. Likewise, it is the one principle upon which the continuity of man's transactions, his health and happiness depend. It is the manifestation of God's two opposing desires in all processes of creation. BALANCE is the principle of unity, of oneness. In it is the stability, which lies in CAUSE. Balance is the foundation of the universe. BALANCED INTERCHANGE simulates oneness by interchange between pairs of opposites. It is the principle of equal giving between all moving pairs of unbalanced opposites, which constitute this dual electric universe. In it is the instability of EFFECT. Instability is forever seeking to find stability. It can never find it, but it can simulate it by balancing its instability through equality of interchange. RHYTHMIC BALANCED INTERCHANGE is the principle of continuity of EFFECT. Balanced interchange between opposites repeats simulation of stability, and rhythmic balanced interchange continues that repetition.

### ***Obedience To The One Law Is Absolute***

Rhythmic balanced interchange is the inviolate law, which must be obeyed. Nature persistently violates it and Nature instantly pays the price of its violations in its storms, tornadoes, crashing avalanche and tragedy of field, forest and jungle. Man persistently violates it and instantly pays the price of his violation in his crashing business failures, enmities, unhappiness and illness. All the storms of earth cannot affect the balance of the earth, for balance in the universe cannot be upset. The earth continues in its fixed, balanced orbit with so much precision that its position can be determined at any time to the split second. If the earth disobeyed this law by the slightest variance, its oceans would sweep its continents clear of all living and growing things.

### ***Man Must Pay For Disobedience***

Man's disobedience to the law cannot affect the balance of man in his whole journey, for every unbalanced action of his must eventually be balanced. Man is on his way to his cosmic goal of Oneness with his Creator and he can in no way deviate from that fixed orbit which will eventually take him to his destination of glory in the high heavens. By disobeying the law he is but hurting himself while on his journey, but he must make the journey and must balance every unbalanced action while on the way. It is as though a man on a great ocean liner disobeyed the laws of the ship. In spite of his disobedience the ship is taking him to his destination and he must go with it. Likewise, he has hurt himself by lessening the happiness of his journey. The whole principle of Creation lies in equal giving. The Oneness of the Light is divided into an equal and opposite two, and all interchange between the two must be equal in their giving. God's division of the Light into a seeming two is manifested in Nature by electric waves of two opposing lights springing from the still sea of God's magnetic Light, just as waves of water spring from the still ocean. The outstanding characteristic of waves is that they forever interchange. Troughs become crests and crests become troughs. Gravity pressure above and below their axis is equal. So long as equality of interchange continues rhythmically waves repeat their interchange. When the sloping sand at the beach prevents this equality of rhythmic balanced interchange, the waves accumulate unbalance until they crash on the shore. Every transaction in human relations either continues or discontinues, in accord with obedience or disobedience to this one law. A man, who sells and gives less value for what is given to him, lays the foundation for his own wreckage. He finds it ever, harder to sell and loses many

purchasers by gaining their ill will. He who gives equally for what is given to him multiplies his purchasers and prospers by gaining their goodwill. The pulse beat, the swinging pendulum, the inbreathing and out breathing of living things all exemplify God's one law of rhythmic balanced interchange. Any deviation from that law in the heart-beat of a man would endanger his continuance, but when there is a rhythmic balanced interchange between the two compression and expansion opposites, man's life continues to function at maximum. Man has free right to choose his own actions, but he must balance those actions with equal and opposite reactions until he learns that God's one law must be obeyed. This God holds inviolate. The whole purpose of life is to learn how to manifest God in Truth and the Law. The lesson is a hard one but man, he, makes it hard by his unknowing of the law. As man gradually knows his purpose and the law by knowing God in him, life becomes more and more beautiful, and man powerful in his manifestation of power.

### ***Source Of Power***

God, the Creator, is POWER. There is no other power. All energy lies within the stillness of the One Magnetic Light of God. God is Mind, the Intelligence of the universe. In God's Mind is One Idea, which God knows as One Whole Idea. In God's Mind is desire to give creative expression to that One Idea by thinking it into parts. Desire in the Light of Mind is the power quality of Mind. Desire is the soul of Mind; the will of Mind. God expresses the desire of Mind to manifest His Idea by creating this electric wave universe. This electric universe is the sole product of God's Mind. All product of God or man is the result of desire of Mind to create product. The power to create product is in Mind. It is not in the product. Product has no power in itself to produce itself. The cathedral is an expression of desire of the architect to give form to the idea of his knowing. The power to create the idea is in the knowing. The idea of the cathedral already exists. The eyes of the spirit can see its spiritual image as clearly as the eyes of the body can sense it in stone as product of his knowing. The expression of power to create the idea as product—lies in the electric action of thinking idea at rest in the Light of Mind into the two lights of waves of motion, which simulate that idea. As servant of Mind, electricity gives moving form to the idea by performing the work necessary to produce it. The power to thus produce does not lie in electricity or in motion. It lies in desire of Mind only. Without that desire Creation could not be. Without desire of Mind in man his power to create could not be. Mind is Light at rest. Desire of Mind is expressed through waves of light in motion. The expression of power in waves is not power. All of the power of the ocean is in its stillness, whether expressed or not. Likewise all of the power of Light is in the stillness of its knowing whether expressed by light waves or not. The mechanical principle by means of which the Creator expresses power is in the light waves of two-way motion, which record His two-way, thinking. Waves are two-way cycles which are divided equally to express the two desires of Mind to create form images of Mind imagining and to destroy those forms sequentially for reforming. Waves of motion spring from the stillness of the universal equilibrium. They are the universal heartbeat, which manifests eternal life and power in God's stillness by eternal repetitions of simulated life and power as expressed in waves of motion. Waves of motion express the power of desire for unbalance and motion, which is in Light at rest, and they also express the opposite desire for balance and rest, which is in motion. Desire in the One Light of Mind is positive. Its expression in the two lights of opposed motion is negative. Every expression of power in Nature is negated by its opposite expression. The senses are limited to the perception of but one of these negations at a time, and then only in small fractions of whole cycles. If the senses could record the whole of each cycle both ways, they would record stillness, not motion, for every action would be voided by its oppositely flowing reaction.

### ***His Sexed Electric Universe***

The still magnetic Light of the Father of all Creation is one. The One Light is the positive principle. It is CAUSE. The moving electric father-mother lights of all Creation are two. The two are opposites of each other. The two negate each other. They are the intercommunicating nerves of the universal body, like those of man's body through which he senses things. They have not existence save an awareness of each other. They are but mirage extensions of Mind imagining, which sense that, which they but manifest. Each electric opposite conditions the other with sex unbalance. Each sexed condition gives unbalance to the other to separate each from each to increase the power of each to oppose each. Each then gives of itself to the other to void the unbalanced condition of each other. In order to effect balance in each, each must become the other. The charging one must discharge and the discharged one must charge. Voidance of unbalance can only come that way. Likewise repetition can come only that way. The electric universe is the negative principle. It is EFFECT. The two moving lights of the electric universe are two equal halves, which express themselves in opposite directions. Their sole purpose is to oppose. Opposites which violently oppose and void each other can never become one, nor can they attract each other.

### ***Sex Defined***

Sex is the division of a balanced equilibrium condition into two equally unbalanced conditions, which negate each other periodically for the purpose of repeating the two unbalanced conditions. Sex is the creative principle. It is the dual desire force in Mind for expressing its One Idea. Without a division of the one unconditioned Light into two seemingly conditioned lights Creation could not be. Sex is not a thing; it is a condition of a thing. An electrically balanced condition of anything is sexless whether it be a man, woman, electric battery, or the atmosphere. A sexed condition is an unbalanced condition. The opposite electric pressures of compression and expansion dually unbalance an electric battery, which is fully charged. These two opposite unbalanced conditions violently desire to return to the oneness of balance from which they were divided into two. A short circuit between the two poles of the battery will give it that balance. We then say it is dead, for it will no longer perform work by expressing its desire for balance. An unbalanced atmosphere will violently seek a balanced condition, depending upon the intensity of the unbalanced condition. When calm follows the storm, it means that desire for balance has gone out of it, for when rest has attained balance, motion is no longer possible. The sex condition of unbalance in man is exactly the same in all phenomena in Nature. Unbalanced sex condition in man demands balancing in the same way, and its violence depends upon its electrical measure of unbalance. When that desire is satisfied and balance is restored, man is as sexless as the dead

storage battery and for the same reason. Man is recharged into a sexed condition 'by his heartbeat, by the food he eats and by his inbreathing-out-breathing. These are the generators, which recharge the "dead storage batteries" of the entire universe into sexed conditioned "live batteries." A sexed condition and an electric condition are identical. Electricity conditions all sexless matter into its sexed condition, by dividing a pressure less condition into two opposite pressures which desire release from their opposition. All of the work of the universe is performed as a result of that desire in unbalanced matter to seek rest in a balanced condition. This is a sexed electric universe in every effect of motion, whether it is in the heart of a giant sun or in the petal of a meadow violet. Every action of motion in the universe is a result of sex desire for motion from a state of rest, or for rest from a state of motion. These two sex desires of electric action and reaction are the result of the two desires of the Father to manifest His One Light through the extended father-mother lights which interweave His idea of Creation into the multiple forms of that idea and void them periodically for the purpose of repeating them. The desire for two-way motion in equal action and reaction is reflected in the dual electric desire to give for reviving, and to unfold for refolding.

### ***Sex-Conditioned Opposites***

The entirety of this balanced universe is thus divided into unbalanced pairs of father-mother sex-conditioned sex mates for the purpose of seemingly dividing universal Oneness into a universe of many ones. No matter what names we use to designate one pair of sex mates from another, whether gravity and radioactivity, male and female, positive or negative, charge and discharge, centripetal and centrifugal, generative and radioactive, integrative and disintegrative, plus and minus, heat and cold, life and death, buyer and seller, producer and consumer, import and export, emptying and filling, inward and outward, north and south, heaven and earth, growth and decay—all of them are similarly conditioned by the two opposite electrical conditioners. In other words, they are all being either compressed or expanded if we use pressure terms; or charged and discharged if we use electrical terms. Both are the same. Likewise, all that are being compressed or charged by positive electricity are simultaneously being expanded and discharged by negative electricity to a lesser extent. Likewise, all that are being expanded by negative electricity are simultaneously being compressed and charged by positive electricity to a lesser extent. This is a two-way universe in all effects of motion, and both opposite effects are expressed in both mates simultaneously as well as sequentially.

### ***This Two-Way Universe***

Electricity is forever winding light up into hot spheres, surrounded by cold cube wave-fields of space, and likewise sequentially unwinding them for rewinding. While winding them into compressed light masses, they are simultaneously unwinding to a lesser extent. Conversely while unwinding they are simultaneously rewinding to a lesser extent. Every opposite of a pair charges in excess of its discharge for one half of its cycle. It then discharges in excess of its charging. Life and death are good examples. Life charges a body in excess of its discharge for one half of its cycle and death discharges it in excess for the other half. Likewise the sun charges the earth during half of its twenty-four hour cycle in excess of its charge on the night side of the planet. The night side sequentially becomes the dayside. The discharge of night then reverses to a preponderance of charge. The father-mother principle is fundamental in every expression and both are simultaneously manifested in every expression, each being preponderant sequentially during half of each cycle. The father principle multiplies light into density and high potential. The mother principle divides it into vapors and gases of lower potential. Light is thus multiplied and divided into suns and planets surrounded by "space." The "matter" of earth is the same as the matter of heavens with but one difference, VOLUME. And therein lies the secret of the universal pulse beat. Space is a division of solidity into tenacity. It is also a multiplication of volume at the expense of potential. Interchange between these two unbalanced opposites is the basis of all motion in this rhythmic universe. Sex mates are two equal halves of one. They never can be one. They can never unite for they are the opposites of motion. Opposites of motion can cease to be and by thus ceasing to be they can give birth to the other opposite, but they never can be other than opposite.

### ***Opposites Born Each Other***

Compression can never expand but expansion is born from compression. Conversely expansion can never compress, but compression is born from expansion. They can interchange with their opposites with every pulse beat, and they do. Each opposite is born from the other. Each pulse beat brings each opposite nearer to voidance of each and complete interchange into the other. It becomes the other sequentially at the halfway point in its cycle, but it is still an opposite. Opposites oppose. They never perform any other office than to oppose. Opposition alone produces the idea of separateness in a universe of one inseparable thing. The opposite of water is water vapor. Water is a compressed condition. It is of the father-light. Water vapor is the expanded condition of water. It is of the mother-light. They are two halves of one, which never can be one. The mother-light unfolds from the father-light. The father-light refolds the water vapor into water. Each has been born from the other. Each IS the other but they can never unite to become one. All idea of Mind is thus divided into sex pairs of opposite mates. Matter is divided into solids and gases. The gases are the solids outwardly bound toward the heavens. Solids are those same gases inwardly bound toward gravity. Heat and cold are opposites. Inwardly bound light rays generate heat from cold by compressing cold. Outwardly bound light rays degenerate heat into cold by expanding heat. It is said that cold is less heat. One might as well say that east is fewer wests. East and west are two opposites just as cold and heat are opposites.

### ***Opposite Sex Conditions Born Each Other***

Matter and space likewise are sex mates. Each has become what each is by opposing the other to attain the appearance of separateness. Then each interchanges with each by breathing into and out of each other until space disintegrates matter and becomes what the other was. Space disintegrates suns and earths by the way of equators and generates them by the way of poles. Heat generated by cold by the way of poles is radiated by the way of equators. Suns thus turn inside out. Cold bores black holes right through their poles and great suns become rings, like those in Lira and other ring nebulae, which are plentiful in the heavens. All matter is generated by the degeneration of its opposite. Likewise all generated matter is sequentially degenerated by the generation of its opposite.



Compression in matter is balanced by an equal evacuation in space. An equal opposite must balance every unbalanced condition in Nature. All borrowings from the bank of Nature are debited with an amount equal to the credit extended just as money borrowed from man's bank is debited and credited.

#### ***Desire For Rest Follows Desire For Motion***

The two are always two and never can become one, although the desire for oneness is with each during the entirety of its cycle. It is this desire for oneness, which causes them to interchange. When credits and debits are balanced by interchange with each other, they cease to be. They do not become one. When electrical opposites thus cancel each other out by interchange of their plus and minus conditions, they do not neutralize each other, as commonly believed—they cease to be.

#### ***Motion Cannot Be Neutralized***

There is no exception to this process of Nature. All idea is recorded electrically in equal pairs of opposite expressions. Each of the pair cancels the other out in cyclic periodicities. Each then becomes what the other was. Generation of any idea exceeds radiation during the first half of its cycle. Radiation then exceeds generation for the second half of the cycle. Both of these simulations of the idea, as expressed by motion, disappear. The idea still exists, however. The idea is at rest in its seed from which it can again appear in form of idea. The two points of rest, which are the fundamentals of every cycle, are: the point of beginning at the wave axis, and the point of interchange between positive and negative opposites at the wave amplitude. At these two rest points, motion has utterly ceased. It has not been neutralized into a condition of rest.

#### ***Sex Reproductive Principle***

All creating things are paired as unbalanced equal and opposite sex mates. Reproduction of two unbalanced mates cannot be repeated until balance has first been restored. The calm surface of the ocean may be broken up into waves, but those waves cannot be repeated until the calm surface of the ocean has been restored to the equilibrium of its rest position, even though that rest position is not maintained. Reproduction begins at the rest point where the previous wave cycle ends. Reproduction of unbalance must find a fulcrum from which the wave lever may leap into wave expression for repetition of pattern. That is what Creation is, merely the repetition of pattern with added pattern forever. This is a universe of waves within waves and waves without waves; pulsing waves of dual light, extending forever outward to the ends of mirrored space and reflecting back again to microscopic centers of rest from which they may again spring from rest to seek rest through dual motion, but never finding it. This is a sex divided; opposed, two-way electric universe, which creates and voids through unbalanced pairs but repeats (reproduces) through voided ones.

#### ***Sexes Do Not Unite***

Reproduction of dynamic sexed pairs does not come through the union of dynamic sexed pairs, but from the voidance of sex condition, and with it, the power of dynamic sex expression reproduction. Reproduction is not the unity of two opposite halves of one patterned thing; it is the voiding of the power of dynamic expression, which all unbalanced opposites express. Reproduction is the cessation of those two unbalanced conditions, which restores a balance from which similarly patterned negative forms reverse their expressions and become positive forms.

#### ***Sex Opposites Reproduce Through Sex Voidance***

In this manner all patterned forms repeat their patterns sequentially. All pairs of unbalanced opposites come from God, the One, and return balanced as one, to God. All unbalanced pairs of separately conditioned things must first find voidance of unbalance and voidance of opposition. They must then become their own opposites to again acquire an unbalance necessary for another voidance and consequent repetition. All twos must become voided in the One in order to again become two. Reproduction of unbalanced opposites, by unbalanced opposites, is impossible. Opposition must first be voided. The dynamic must emerge from rest and it must be voided in rest in order that may again become dynamic.

#### ***Desire For Balance***

All things seek balance. Two opposed, unbalanced halves of one is forever seeking to balance their opposition. Two children on a seesaw are balanced when they are on a level with their centering fulcrum. When they are on two different levels they are then unbalanced with their centering fulcrum. They are then dynamic. The fulcrum no longer centers them although they are balanced in themselves. In such a position they are obliged to move. Repetition of their motion is impossible while they are in balance with their fulcrum, but is imperative when the fulcrum no longer centers them. A sexless condition is imperative before a sexed condition can be repeated. Just as all motion starts from rest and returns to rest, so does a sexed electric condition arise from a sexless one? The two sexes, therefore, cannot be united to cause reproduction. They must first be voided. - Unbalanced condition and change cannot unite to reproduce unbalanced condition and change. The unbalanced condition and change must be voided in order to repeat unbalance and change.

#### ***Sex Opposites Do Not Neutralize—They Void***

The sexes like the two opposites of motion cannot "neutralize" each other by so-called "union." The dynamic cannot be "neutralized." Likewise, it cannot become static. But it can be voided. The static condition does not then take its place, for the static condition is eternal. It was there before the dynamic condition arose. The dynamic condition of sound, for example, arises from the static condition of silence, but sound does not become silence. Sound is voided; silence is eternal. The dynamic condition of sodium and chlorine do not unite to become the static condition of sodium chloride, nor are they neutralized. They must be voided before they can be repeated.

#### ***Sex Determined By Direction Of Pressures***

Opposites are not things; they are conditions of things. Just as heat and cold, or east and west, or inward or outward, or compression and expansion cannot unite to become one, so also, the opposite sexes cannot unite for they are but inward-outward pressures. Sex opposition is a difference in the pressure condition of things. The male condition is one of compression; the female is one of expansion. The sexes are thus differently conditioned by the two directions of electric pressures, in accord with the two opposite desires of the Creator. The difference of conditioning makes

basically similar substances appear to be different things and different substances. All things are sex divided. When, therefore, any two opposed and unbalanced sex halves of one conditioned thing balance their opposed conditioning through motion, they appear to become another thing or substance. This appearance is a deception of the senses for they do not become another thing. They become voided and another thing, from which both are extended, appears in their place. In chemistry we call these pairs stable elements, such as the salts. Water, for another example, is a voidance of oxygen and hydrogen, for there is no oxygen or hydrogen in water. Nor do oxygen and hydrogen become water. Water is the result of the voidance of two unbalanced and opposed conditions caused by equalizing opposed pressures at static equators. Consider the static condition of the calm ocean. A storm transforms that surface into a dynamic condition. Waves, which spring from the static ocean, surface toward crests and troughs do not unite to reproduce another wave; they withdraw into the ocean surface. They disappear entirely and then reappear from it in reverse to repeat the next wave. Absolute voidance of one condition must take place before repetition can follow. Voided motion is recorded in the stillness from which it was unfolded in order that it can be repeated from that record. Records of motion are seed for repetition of motion. In the seed is desire for manifesting imaged forms of idea. All forms are waveforms. All waveforms unfold from seed records of those waveforms.

### ***Electricity Defined***

Electricity is the strain or tension set up by the two opposing desires of universal Mind thinking: the desire for balanced action and the desire for rest. This electric universe is a complexity of strains caused by the interaction of these two opposing, interchanging electric desires. All matter is electric. All matter is conditioned into greater or lesser strains according to the intensity of desire, which is the cause of all electric strain to which it is subjected. The farther removed from rest the greater the strain or tension. That which we call high electric potential is merely great strain to maintain a condition, which is far from the condition of rest. The familiar return ball with which a child plays is a good example of electric strain. When the ball is thrown from the hand, the elastic gradually tightens to increase the tension of resistance to strain generated in the elastic. The strain continues to intensify until the ball comes to rest. When the ball returns, the strain gradually lessens until the ball again comes to rest in the child's hand. When that happens, the strain and tension have been voided. Tension has not BECOME rest, it has ceased to be. This whole electric universe is a complex maze of similar tensions. Every particle of matter in the universe is separated from its condition of oneness, just as the return ball is separated from the hand, and each is connected with the other one by an electric thread of light, which measures the tension of that separateness. It is as though all of the universe of separated particles were playing return ball with each other. When a condition of oneness has been attained in matter, the electric tension ceases to be. Sodium chloride will illustrate this meaning. When sodium and chlorine desire separateness from their oneness of condition in sodium chloride, an electric strain is set up between that separated trinity. When the desire for separateness has gone out of sodium and chlorine, the electric tensions, which bound them to the rest condition from, which they sprang are voided. Likewise sodium and chlorine are utterly voided. The reason for this is because all matter is a series of electric tensions. When the tensions cease, the conditions set up by them ceases. It is as though two children on a seesaw withdrew into their fulcrum. Sex tensions and strains intensify the farther they are removed from rest. When unbalanced sex tensions void their unbalance through interchange between the opposite electric desires, which caused those tensions, electrical force ceases to be. Likewise sex desire ceases to be. Electrical tensions exist only between unbalanced electrical matters in motion, which is separated from other electrical matter in motion. Wherever there is a condition of rest, electricity ceases to be. Electricity is, therefore, a dual force, which seemingly unbalances a condition of rest by dividing it into two opposite conditions and setting them in seeming motion. Interchange between the two opposites of motion voids the unbalanced condition at the end of each cycle of electric expression. As rest cannot be unbalanced save by illusion, electricity, which causes that illusion, has no existence.

### ***Two Electric Desires***

Electricity is the servant of Mind. It does all of the work of creating this light-wave universe in unfolding-refolding sequences, which Mind desires. The universal Mind has two desires—the desire for creative expression through the action of concentrative thinking and the desire for rest from action through decentralize thinking. One desire is for separation from Oneness into unbalanced multiplicity and the other is a voidance of multiplicity into balanced Oneness. One desire is for action and the other for rest. These two desires of Mind constitute the give for reviving principle by means of which all things in Nature grow or unfold by appearing from the void of rest in the kingdom of heaven from which all creating things appear, reappear and disappear in sequential cycles. The electric expression of the two desires is reflected in the pulse beat of the universe. One pulsation compresses, the other expands. The compressive pulsation gives form to idea by seeking rest at wave amplitudes through centripetal action. The destructive pulsation voids form to seek rest at wave axes through centrifugal reaction. These two opposite desires are characteristic of all effects of motion. All animals, vegetable and mineral life seeks action and rest alternately. All effects of motion manifest that principle. A ball thrown in the air seeks rest from its action and returns from its unbalanced condition to seek rest through reaction. After a day of workman rests from action so that he may repeat his day of action.

Because of these two opposite desires of universal Mind-thinking, all creating things appear on earths from the void of their heaven, disappear from their earths into their void in the heavens and reappear from that void to repeat their desires. This explains the mystery of "matter appearing from space to be alternately swallowed by space."

### ***Unfolding-Refolding Principle***

The two opposite electric expressions of desire of Mind unfold all idea of Mind from its pattern in the seed into imaged forms to simulate the idea of Mind and refolds it back into its recorded pattern in the seed, for again unfolding. Each one unbalances the other in order that each may seek balance in the other to disappear and reappear as the other. Positive electricity is the father-light, which gravitates toward a point of rest, which centers all creating things. Negative electricity is the mother-light, which radiates toward planes of the One Light at rest, which bound all wave fields of motion. Positive electricity winds the light of motion into dense solids around points of still magnetic Light. It

compresses motion into incandescent spheres surrounded by the vacuity of negative electricity. Negative electricity unwinds the light of motion from dense solidity to tenuous vacuity by expanding it into cubic wave fields of space. Positive electricity pulls inward spirally from within against the opposing resistance of negative electricity which thrusts outward spirally from within. This two-way radial universe of seeming motion is the product of these two opposed electric conditioners of matter, which pass through each other in opposite directions. Each interchanges with the other in sequential pulsations as they pass through each other from points of gravity to wave field boundaries and back again in endless cycles. Each becomes the other at halfway rest points of their cycles. Large-scale examples of this process can be seen in any of the spiral nebulae, notably Nebula 74 Passim. Two fiery spiral arms of radiating mother-light reach out from the equator of its central sun to born its countless other suns and earths by unfolding them from its centering seed. Two black arms of gravitating father-light pull spirally inward from the heavens toward the poles of the centering giant sun to generate the sun in incandescent oneness of all form. The father-light of gravity refolds all unfolding forms from Creation's seed in formless light of suns and gives them growing bodies. Gravitation is the male principle of Creation. Gravity refolds toward the seed. Radiation is the female principle of Creation. Radiation unfolds from the seed.

### ***Illusion Of Attraction And Repulsion Of Matter***

One of the great illusions of the senses is that matter attracts and repels matter. It is also believed that oppositely charged electrical particles attract each other and like charges repel. There is much evidence of the senses to justify such a conclusion, but it is of the same illusive nature as the evidence, which deceives the senses that railroad tracks seem to meet upon the horizon. We see the tides rise toward the moon on one side of the earth and away from it on the other. We conclude that the moon attracts the earth and thus pulls the ocean toward it) but that does not account for the fact that the tides rise on the opposite side of the earth away from the moon. What is actually happening is that all conditioned matter is constantly seeking to balance its condition with all other matter. The moon and the earth center their own respective wave fields surrounded by space. All wave fields are bounded by planes of zero curvature, and a zero pressure condition, which insulate each field in the universe from every other field. The very shapes of wave fields of earth and moon are forever changing to adjust their balance as the moon revolves around the earth. As a result, the mutual equators of both fields must lengthen, disc-like, on a plane, which intersects the center of gravity of each body. Naturally the tides rise toward, and away, from the moon. If the earth were all liquid instead of solid, it, likewise, would lengthen appreciably at its equators, disc-like, and flatten at its poles to meet the interchange of balance between the fields of the moon and sun, as Jupiter and the outer planets are so noticeably doing. It would also throw off rings as Saturn and all the stars of heaven are doing, and for the same reason.

### ***Polarity***

We see the positive pole of a compass needle pointing toward the negative pole of a magnet and the negative pole of the magnet pointing toward the positive pole. This evidence is one of the bases of our conclusion. That is what our eyes see. What actually is happening is that they are voiding each other's unbalanced condition to seek, balance through each other. Opposite poles get as far away from each other as they can, until their opposition is voided by balance in their fulcrum and they cease to be. When the positive pole of a magnet is brought into contact with the negative pole of another magnet, that effect which we think of, as attraction is one of voidance. It is a cessation of opposition or power to manifest anything. Polarity utterly ceases at that point and each opposite extends to each opposite end, each getting away from the other and through the other, spirally, as far as it can. If opposite poles attracted each other, they would be together in the middle of a magnet instead of at its ends.

### ***Matter Is Powerless To Attract***

Matter neither attracts nor repels other matter. Unbalanced conditions in matter seek, balanced ones. All matter is motion constantly seeking rest. This it can find only by balancing its condition with matter similarly conditioned by voiding the tensions of its sexed condition. That alone is the cause of motion and the reason for its continuance or discontinuance.

### ***All Matter In Motion Seeks Rest***

This is a universe of ONE THING. All matter, which is electrically separated from that oneness, seeks it. This is a fundamental principle and underlying desire of all Creation. It is as true of humans and their emotions as it is of matter. We again repeat that electricity is a division of the One Light into two extensions of that Light projected through each other, each becoming the other alter natively. The One Light is a pressure less and sexless condition. The two lights, which are extended from the one are, opposed pressure and opposed sexed conditions. Thus there are but two conditions of matter—either expanding from stillness or contracting toward stillness. Each condition arises from the other. The instant it becomes its own opposite it gets as far away from that opposite as is necessary to find balance in a like condition. It seeks its like condition to find rest in a balanced condition and not because the matter does attract the matter of it it seeks. A log floating down stream is seeking a balanced condition and is not being attracted by the dam or by other logs. These opposites represent the compression-extension father-mother principle, which integrates light into solids and disintegrates it into vapors and gases.

### ***All Moving Masses Are Unbalanced***

To say that these opposites attract each other is equivalent to saying that north attracts south, that inward attracts outward, that wetness attracts dryness, or that darkness attracts incandescence. Water, for example, is a compressed condition. When water vaporizes it expands into its own opposite condition. It then seeks rest in clouds of like condition. When it thus finds rest in a balanced condition, its motion ceases and its opposition also ceases.

### ***Illusive Evidence***

Another effect of motion, which has misled the senses into believing that opposites attract is that hot air is said to rise toward cold and cold air to descend toward heat. That is not what is happening, for like seeks like. Cooling air is expanding and rising toward cold, and heating air is contracting and falling toward heat. Negative oxygen bubbles gather at the positive pole of a charging electric battery and positive hydrogen bubbles gather at the negative pole.

What is actually happening is that the positive pole is taking the positive condition out of the water, leaving the negative oxygen as residue. The negative pole is, likewise, taking the negative condition out of the water, leaving the positive hydrogen as residue. Again like seeks like. The outstanding demonstration of the principle of like conditions seeking like is in the elements of matter. If opposites attracted opposites according to present concepts, it would be impossible to gather together one ounce of the same elements. All elements seek their kind. In any chemical decomposition of compounded mixtures, each element seeks and finds similarly conditioned elements.

### ***Light***

Light cannot be seen, it can only be known. Light is still. The sense of sight cannot respond to stillness. That which the eyes "feel" and believe to be Light is but wave motion simulating the idea of Light. Like all things else in this electric wave universe the idea of Light cannot be produced. Electric waves simulate idea only. They do not become idea. When man sees the light of the sun he believes that he is actually seeing light when the nerves of his eyes are but "feeling" the intense, rapid, short wave vibrations of the kind of wave motion, which he senses as incandescence. The intensely vibrant electric current mirrored into the senses of the eyes fairly burns them. They cannot stand that high rate of vibration. Such a vibration would destroy the eyes, but light would not be the cause of that destruction. Fast motion, simulating light, would be the cause. It would be like sending a high voltage electric current over a wire so fine that the current would burn it out. Man likewise cannot see darkness. The nerves of his eyes, which sense motion, slow down to a rate of vibration, which he can no longer "feel." Man is so accustomed to the idea that he actually sees light in various intensities illuminating various substances to greater or lesser degree that it is difficult for him to realize that his own senses are but acting as mirrors to reflect various intensities of wave motion. But that is all that is happening. Every electrically conditioned thing in Nature reflects the vibrations of every other thing, to fulfill its desire to synchronize its vibrations with every other thing. All matter is the motion of light. All motion is expressed in waves. All light waves are mirrors, which reflect each other's condition unto the farthest star. This is an electrically conditioned wave universe. All wave conditions are forever seeking oneness. For this reason all sensation responds to all other sensation.

### ***Is light a wave or corpuscle?***

Much controversy has arisen as to whether light is corpuscular, as Newton claimed it to be, or waves. There is much evidence in favor of both theories. It is both. Light is expressed by motion. All motion is wave motion. Fields of equal and opposite pressures of two-way motion express all waves. The entire volume within wave fields is filled with the two opposite expressions of motion—the positive expression, which compresses light into solids, and the negative expression, which expands it into space surrounding solids. All space within wave fields is curved. Curvature ends at planes of zero curvature, which bound all wave fields. These boundary planes of omnipresent magnetic Light act as mirrors to reflect all curvature into all other wave fields in the universe, and as fulcrums from which motion in one wave field is universally repeated.

### ***All Matter Is Wave Motion***

Together these constitute what we call matter and space. It has been difficult to conceive light as being purely corpuscular, for light is presumed to fill all space. Space is not empty. It is full of wave motion. Corpuscles of matter are one half of wave cycles of light. Space is the other half. There need be no mystery as to whether light is corpuscular or wave, for waves of motion which simulate the light and darkness of space is all there is. The light and motion of solid matter, and of gaseous matter of space, differs only in volume and condition. Water of earth is compressed into small volume while water of the heavens is expanded thousands of times in volume. Each condition is the opposite half of the cycle of water. Water vapor is water turned inside out. It again becomes water by turning outside in. Expansion contraction sequences result from this process.

### ***All Matter Is Simulated Light***

Water of the heavens still is water, and it still is light waves. No change whatsoever has taken place between the waters of earth and those of the heavens except a change of its condition from positive to negative preponderance. This change is due solely to a change of its direction in respect to its center of gravity. All dense cold matter, such as iron, stone, wood, and all growing or decaying things, are light. We do not think of them as light but all are waves of motion, and all waves of motion are light. Light is all there is in the spiritual universe of knowing, and simulation of that light in opposite extensions is all there is in the electric wave universe of sensing. The simulation of light in matter is not light. There is no light in matter. Perhaps the confusion, which attends this idea, would be lessened if we classify everything concerning the spiritual universe, such as life, intelligence, truth, power, knowledge and balance as being the one light of knowing, and everything concerning matter and motion as being the TWO SIMULATED LIGHTS of thinking. Thinking expresses knowing in matter but matter does not think, nor does it know. Thinking also expresses life, truth, idea, power and balance by recording the ideas of those qualities in the two lights of matter in motion, but matter does not live, nor is it truth, balance or idea, even though it simulates those spiritual qualities. Man's confusion concerning this differentiation lies in his long assumption of the reality of matter. His assumption that his body is his Self, that his knowledge is in his brain, and that he lives and dies because his body integrates and disintegrates, has been so fundamental a part of his thinking that it is difficult for him to reverse his thinking to the fact that matter is but motion and has no reality beyond simulating reality. The light, which we think we see, is but motion. We do not see light. We feel the wave vibrations set up by the motion, which simulates light, but the motion of electric waves, which simulate light, is not that which it simulates.

### ***Confusion Concerning Light Corpuscles***

There is much confusion concerning the many kinds of particles of matter such as electrons, protons, photons neutrons and others. These many particles are supposedly different because of the belief that some are negatively charged, some are positively charged and some are so equally charged that one supposedly neutralizes the other. There is no such condition in nature as neither negative charge, nor are there negatively charged particles. Charge and discharge are opposite conditions, as filling and emptying, or compressing and expanding are opposite conditions. Compressing bodies are charging into higher potential conditions. Conversely, expanding bodies are

discharging into lower potential conditions. To describe an electron as a negatively charged body is equivalent to saying that it is an expanding-contracting body. Contracting and expanding bodies move in opposite directions. Contracting bodies move radically inward toward mass centers, and expanding bodies move radically outward toward space, which surrounds masses. In this two-way universe, light which is inwardly directed toward gravity charges mass and discharges space. When directed toward space it charges space and discharges mass. All direction of force in Nature is spiral. The charging condition is positive. It multiplies speed of motion into density of substance. The principle of multiplication of motion because of decrease of volume is the cause of the acceleration of gravity. The discharging condition is negative. It divides speed of motion into tenacity of substance. The principle of the division of motion because of expansion of volume is the cause of the deceleration of radiation. One can better comprehend this principle by knowing that what we call substance is purely motion. Motion simulates substance by its variation of pressures, its speed and its gyroscopic relation to its wave axis. Particles are variously conditioned as to pressure but there are no different kinds of particles. All are light waves wound up into particles, which are doubly charged. Their position at any one point in their wave causes them to have the electric condition appropriate for that point. Light particles are forever moving in their octave waves. All are either heading toward their cathode or their anode, which means toward vacuity or gravity. They are all moving inward or outward, spirally.

#### ***All Light Particles Are Alike***

All light particles are either expressing the mother-light principle or the father-light principle. For example, if a particle is on the amplitude of the wave, it would be a true sphere, and as a true sphere it would be neither positive nor negative. It might then appropriately be called a neutron. A particle, which is spirally heading inward toward the apex of a vortex in the process of becoming a sphere might appropriately be called a proton, because of it's expressing the father-light principle. Again, if it is moving spirally outward, it could appropriately be called an electron because it would then be discharging in excess of its charge or expanding in excess of its contraction. Light rays, for example, leaving the sun, are discharging the sun. They are also discharging themselves because they are expanding into greater volume. They are also lowering their own potential by multiplying their volume. They reverse their charge when radically converging upon the earth. They are then charging the earth and themselves by contracting into smaller volume and are simultaneously multiplying their own potential by thus contracting.

#### ***Semi-Cyclic Alteration***

In an electric current there is a constant interchange between anode and cathode or positive and negative poles. A light particle expands as it leaves the cathode in an outward radial direction and contracts as it radically approaches the anode. This light particle has been the same light particle at all times in all parts of its journey. Its variation of charge and discharge, its direction of motion and the condition of wave pressure in which it finds itself at all times are the sole reasons for its changing from one condition to another. The light particles are all the same light particles, all being different only in pressure condition. This is also true of the elements of matter. Whether they are iron, carbon, silicon, bismuth or radium, all are composed of the same kind of light particles. They all seem to have different qualities and attributes, but those qualities and attributes are likewise given to them purely by the positions they occupy in their waves.

#### ***All Things Simulate Light***

A particle of light which belongs to an atomic system of sodium has in it all of the entire range of the elements, besides all of every other creating thing in the universe. It acts to carry out the purposefulness of the idea of sodium simply because it is in the pressure condition of sodium, and is a part of the unfolding pattern of the seed of inert gas of the octave from which it has unfolded. If that same particle unfolded from the seed of the oak, it would be part of the wood fiber of its trunk, or leaf, or of the chlorophyll which colored its leaves, but it would be the same kind of particle while fulfilling the purpose of cellulose as while fulfilling the purpose of sodium. All matter in this universe is but differently conditioned motion simulating light, and all differences in condition are pressure differences.

#### ***Light Does Not Travel***

The speed with which light presumably travels are 186,400 miles per second. The distance between stars is so great that the speed of light is computed as light years, for the distance computed by lesser units of time would yield figures so great that they would be meaningless. Light only seems to travel. It is but one more of the countless illusions caused by wave motion. Waves of the ocean seem to traverse the ocean but they only appear to do so, for waves are pistons in the universal engines, and pistons operate up and down. Wave pistons of light, or of the ocean, operate radically and spirally inward and outward, toward and away from gravity. Waves of light do not travel. They reproduce each other from wave field to wave field of space. The planes of zero curvature, which bound all wave fields, act as mirrors to reflect light from one field into another. This sets up an appearance of light as traveling, which is pure illusion. The sunlight we feel upon our bodies is not actual light from the sun. What actually is happening is that the sun is reproducing its own condition on the earth by extending the reproductions out through cold space into ever enlarging wave fields until those reproductions begin to converge again toward our center of gravity into ever-smaller wave fields. The heat we feel and the light we see is dependent entirely upon the ability of the wave fields to reproduce the light and heat, and that ability is conditioned upon the amount of moisture in the atmosphere. If there were no moisture in the atmosphere, our bodies would carbonize from the heat thus reproduced. One cannot consistently think of that heat as direct rays of the sun, for that same sunlight was intensely cold during its reproduced journey through the immensely expanded wave fields of space between the sun and earth. The light and heat, which appear to come from the star or sun, has never left the star or sun. That which man sees as light and feels as heat is the reproduced counterpart of the light and heat, which is its cause. The rate of vibration in a wave field depends upon its volume. Vibration in a wave field means the pulse of interchange between its compressed core and the space surrounding that core. A slow vibration in a large wave field would cool one's body, or even freeze it, while fast pulsing interchange in extremely small wave fields could burn one's body. A lens, which multiplies light and heat toward a focal point, which sets paper on fire merely, compresses larger wave fields into smaller ones. The rate of vibration increases for the same reason that the planets nearest the sun move much faster in their small orbits than those,

which are far away from the sun. Keller's law covering the speeds of planets will apply to rates of vibration in wave fields as appropriately as with the movements in the solar system. All energy is expressed in wave cycles. A cycle is a two-way electric journey from a compression point of rest where gravity ceases and radiation begins, to an expansion point of rest at wave field boundaries where radiation ceases and gravity begins. It is the universal heartbeat of this pulsing universe of two-way motion. The life-death cycle of man is one wave in an electric current. Growth and decay, or the incoming-outgoing breath, are two halves of cycles. Matter is expressed in two-way cycles because matter is but a record of God's knowing, expressed by the two opposed desires of His two-way self-voiding thinking. All Nature is an expression of the two desires of the Creator, the desire for separation from the oneness of rest in Him into a multiplicity of imaged forms of His imagining, and a voidance of that multiplicity by a return to rest in His oneness. A cycle is like winding and unwinding a clock spring except that matter is wound up into visible spheres and unwound into invisible cubes. The unwinding of a clock spring is a reverse process from that of its winding. Nature is continuous. It never reverses, like the piston in an origin, or two children on a seesaw. Nature turns its waves inside out and outside in a continuous spiral flow of direction. Solid matter gradually interchanges with space in its breathing cycles until gravitation has attained its maximum. Radiation then exceeds the power of gravitation and matter begins to expand instead of to contract. Radiation is light outwardly bound from the seed. Gravitation is light inwardly bound toward the seed. Outwardly bound light manifests the unfolding of patterned light from the seed. It is the mother of Creation. Inwardly bound light manifests the refolding of patterned light into its seed. It is the father of Creation. The mother of Creation gives patterned bodies to idea by unfolding idea unto the heavens. That is the first half of every cycle. The father refolds all unfolding idea back toward its seed; otherwise the unfolding form could not become visible as matter. That is the second half of every cycle. All growing things manifest this unfolding and refolding process in every pulsation of interchange between the father-mother lights of Creation. The outward-inward breath of all things is the constant interchanging cyclic process by means of which one opposite gradually becomes the other until each becomes the other in totality by completing the interchange. Each outward-inward breath is a cycle. Its other half cancels each half cycle until both are cancelled. Neither then manifests. Both disappear into their equilibrium to reappear as the other. Life and death gradually interchange to cancel each other for the purpose of repeating the cycle of life and death. Death is born in the same cradle with life, but life is strong while death is weak. From the very first breath of the newborn babe, death voids life by each outward breath and life voids death by each inward breath. At maturity, death has become balanced with life and death then becomes stronger until both disappear to reappear with life as the stronger and death the weaker opposite.

### ***This Expanding Universe***

It is said that the universe is expanding to a heat death, that all heat is gradually going out of the universe, leaving it utterly cold and empty. It is believed that radiation is a "downhill flow of energy" which is not compensated for by an equal "uphill flow." Radiation is known as radiant energy. Radiation is but the out breathing of this universal body, which breathes in its entirety exactly as man, and all things else in Nature breathe. Radiation is the unfolding mother-light. The inbreathing of Nature is gravitation. Gravitation is the father-light, which refolds that which unfolds. For every drop of water that "radiant energy" discharges from the earth, "gravitation energy" charges it with falling waters. One of these opposites is downhill flow of expressed energy and the other is its equal uphill flow. Every creating thing in this universe has a father and a mother, not only animal and vegetable life but also every corpuscle of matter in the universe. Likewise every creating thing is both father and mother. The mother burns the father and the father burns the mother. The proton burns the electron and the electron the proton. Each was the other and each sequentially becomes the other through the pulsing breath of wave interchange.

### ***Deceptive Evidence***

One of the illusions, which deceived man into believing that God's universal body was dying, was the discovery that all nebulae are rushing away from each other with incredible velocities. This fact would lead to the utter dissolution of the universe in time. The so-called "red -shift" in the spectrum proved this to be fact. The fact is true. They do rush away from each other, but the conclusion drawn from that observed fact is not justified by the processes of natural law. The reason for the universal expansion, which is now taking place, is that the universe as a whole breathes inward and outward just as all things in nature do. Large-scale breathing cycles of the whole universal body consume untold axons for the completion of one cycle while man consumes but a few seconds to complete his cycle. Man of axons to come will witness the effect of nebulae rushing toward each other at the same speeds for the same number of axons. In all Nature there is no effect of motion, which is not balanced by an opposite. The universe is sexed throughout. One sex cannot exist without the other. "Radiant energy" is impossible without generative energy to born it. The desire of the Creator for separateness must be balanced with His desire for oneness. The expansion stroke of the universal piston must have a balancing compression stroke in order that the universal body may manifest the life of its Creator. The whole universe slowly expands toward the death half of its breathing cycle, and then contracts toward the life half of it.

### ***Weight***

Weight is a measure of unbalance. It indicates the intensity of desire of any mass, which is out of balance to find balance. Every mass in the universe has its proper potential position. Every mass will find that position if not prevented from doing so by the bindings of other masses. Weight should be measured dually as temperature is. It should have an above and a below zero to measure the intensity of desire in masses to rise from the earth as well as to fall toward it.

### ***Weight Is Matter Out Of Place***

All matter is a record of its potential at the place of its birth in its wave. Masses of matter, like buoys floating in the ocean to mark courses for ships, are floating in space to register the electric potential of the position of their birth. Whenever matter is in the place of its birth, it belongs there. It is, therefore, in balance. It floats in its balanced field. In that position it is weightless in respect to anything else in the universe. Whenever it is taken from its field center, or becomes an eccentric part of another field, it is out of balance with the two forces acting upon it. It then has weight,

and the measure of that weight is the measure of its unbalance with its out-of-place environment. Weight of matter and measure of electric potential are one and the same thing.

### ***Weight Is Unbalance***

A body, which floats, has no measurable weight. It is in balance with its environment. Likewise, a dead battery has no measurable electric potential. The ammeter needlepoints to zero. Its two unbalanced conditions of charge and discharge have become voided by each other. The measure called "weight" and the measure called "electric potential" are the expression of force which the two electric opposites of charge and discharge exert against each other at any point in the universe. The potential of all orbits of matter in space in which matter floats is equal to the potential of the mass which floats in it. The plane of our earth's equatorial region coincides with an equipotent plane of pressure, which is equally balanced in respect to that part of the earth, which floats above that plane, and that part which floats below it. In this plane the earth has no weight whatsoever in respect to anything in the entire universe, for it is in a balanced position in respect to the entire universe and keeps moving into a new position only because of the movement of all other masses ~n the universe.

### ***Our Balanced Earth Is Weightless***

The earth could have weight only if removed to other pressures farther extended from the plane of the lens like wheel of which our sun is the hub. If it could be pushed toward the sun by some giant hand, it would seek balance in its own orbit when released, exactly as a man would rise when plunged beneath his own balance level in water. Every freely moving mass in the universe floats in its own equally divided wave field exactly as a man floats in water. The moon is not falling upon the earth, as generally supposed, for it is in balance with its environment and cannot fall. Its contracted mass is equal to the expanded mass it displaces in its wave field. For the same reason a cloud floats in the sky. If one could put scales under it, one would find it had no weight unless lifted above or thrust below its equipotent level. If it condensed into heavier vapor, it would fall to seek a new static equator where it would again float. If it condensed to rain, it would fall into the sea to find balance in a like condition. Weight is not a fixed property of matter. It is as variable as matter is variable. A man weighs less as he climbs a mountain, weighs more as he descends into a mine, and weighs nothing when he floats in water. Unless, and until, matter is extended from a plane of equal pressure, there can be no weight, nor can there be electric potential.

### ***Weight Curves Gravity***

The equilibrium of sea level is a good example. If that static equator has no dynamic wave extensions, there can be no electric pressures exerted to express in weight, nor could there be weight of waves when waves are not extended from it. Waves above sea level have a positive weight, when they fall toward gravity. Waves below sea level have negative weight, when they rise toward space to find balance at sea level. Weight is, therefore, but a dimension of unbalance. Unbalance alone can be weighed, for there can be no weight to balance.

### ***Weight Defined***

The following definitions of weight are in keeping with Natural Law. Weight is the sum of the differences between the two pressures, which act upon every mass. Weight is the measure of the differences in electric potential between any mass and the volume it occupies. Weight is the measure of unbalance between any mass and its displaced environment. Weight is the measure of the force, which a body exerts in seeking its true potential. Weight is the sum of the difference between the inward pull of gravitation and the outward thrust of radiation. Weight is the measure of intensity of the desire within all matter to express motion or seek rest from motion.

### ***Source Of Solar Energy***

One of the greatest mysteries of science is the source of the sun's renewing energy. At the present rate of solar radiation, the sun should have burned out long ago. What keeps its fires burning? What is it that generates heat in the sun to keep it from cooling % One theory is that its contraction generates it, for contraction supposedly heats. But that is not the answer, for contraction does not heat nor generate. Contraction is possible only as a result of generation, not as its cause. Generation must precede contraction. It does not follow it. Heat follows as a result of contraction. Heat radiates. Radiation is the opposite of generation, and opposites act in opposite ways. Radiation expands and the resultant expansion cools; while generation contracts and the resultant contraction heats. Here again is the father-mother principle manifesting its law of equal, opposite and sequential interchange. The cold of expanded space generates the sun's heat by compressing large volume into smaller volume. The high pressure of incandescence is born from the low pressure of vacuous blackness, in accordance with the law of rhythmic balanced interchange between all pairs of father-mother opposites.

### ***Temperature Cycle***

The temperature cycle resulting from balanced interchange between the cold of space and the heat of suns is as follows: cold generates; generation contracts; contraction heats; heat radiates; radiation expands, and expansion cools. Thus our hot sun is being generated from cold space via its poles and is radiated back again into space via its equator in accord with the father-mother reciprocative process of inside out-outside in turning, and will continue to generate increasing heat in the sun until it becomes a true sphere. This spherical perfection has not yet been attained, for the sun has not yet reached the amplitude of its wave where all forming matter becomes true spheres.

### ***One Opposite Bores the Other***

When the amplitude position is attained, its radiation will then begin to exceed its generation. It will be in the condition of a man who has just passed his maturity high point when death and life interchange their preponderances. From that point on, cold space will bore a black hole through the sun from pole to pole and it will expand into a giant ring centered by a smaller sun recompensed from the remnant of its expanding self. Many such ring nebulae are visible in the heavens, notably in the Lyra Ring Nebula

### ***Stars Tell The Whole Story***

Excellent examples of the degeneration of a sun into a ring or rings by the inside-out turning process of negative electricity are The Owl Nebula, in Ursae Majoris and the Dumb Bell Nebula in Vulpeculae. One can likewise witness this inside-out turning process in his kitchen range. Jets of burning gas are seen as a blue and green flame around

black holes, which center each jet. These gases are negatively preponderant, which means that they are thrusting out from their center in excess of pulling inward from it.

### **Life Principle**

For centuries man has been searching for the life principle in germs of matter. He might as well cast his nets into the sea to search for oxygen. There is no life in matter, nor is there death, for matter is but motion. Motion begins and ends, to begin again, but life is immortal. It has no beginning. It has no ending. It cannot die. Man has long believed his body to be his Self, the Person, the Being. Man's body is but motion. It can have no Being. God dwells in man. The Person, the Being in man is immortal. Life in him is God in him. The body of man manifests God in him by manifesting life in life-death-resurrection sequences, as all creating-decreasing-recreating things in Nature likewise do. The body of man must be forever reborn unto the endless end to manifest God in him. There is naught but birth in this cyclic, pulsing universe. There is no death. The idea of man is a part of the One Whole Idea of Creation. All Creation is but an expression of that One Idea, part by part, each being a part of the Whole. God gives an eternal repetition of bodies to all parts of His Idea to manifest that idea in wave cycles of the divided light of His thinking. One half of each cycle unfolds the idea into the form of that idea and gives it action for producing that form. The other half of the cycle refolds the idea to give it rest in the Light of its Source for the purpose of repeating the manifestation in a repetition of that body. A return to rest in the Light is not death; it is a return to Life for the purpose of rebirth to again manifest Life in a renewed body. We do not say that man is dead when he rests in sleep to partially renew his body. We know that he will awaken with new parts of his body to replace those, which have served their purpose and disappeared. When man's whole body wears out and needs replacement, he likewise rests in a longer sleep. Man's body is but patterned waves of light in motion. Waves disappear into the ocean's calm but they reappear. The ocean is a part of the idea of Creation. Waves express the idea of the power of the ocean but the power and the idea are in the calm of the ocean whether expressed by waves or not. The turbulence of the ocean springs from its calm just as the movement of the lever springs from its still fulcrum. All motion is a two-way extension of stillness.

We do not think that the ocean is dead while it is at rest in its calm, for we know that it will again manifest its power by waves of motion when desire is strong enough in it for manifesting it by motion. Waves of light, which give transient form to a man's body, are but his body. They are not the man, nor the man-idea. The body of the man is an extension of other waves of father-mother light in the sun, and the idea of man exists in the still Light, which centers the sun. Man can never die for he is omnipresent Light and he exists everywhere. Likewise man's body cannot die for man's body manifests immortal man, and immortal man always has a body in which to manifest. This body, which extends from the earth disappears into the heavens and the earth, but that which disappears to sensed man of earth has not ceased to be, for its pattern has been recorded for repetition. It still is and will reappear. The senses of man are not attuned to the rest of the cycle of man's bodily journey from disappearance to reappearance but man's knowing reaches out over the entire cycle and man can know eternal repetitiveness of his body when he knows God in him. When water disappears beyond the senses as water vapor and gases, we know they will reappear as water when they have completed their cyclic journey. As man knows the Light in him he will as surely know that he will return for axons to complete the purpose of manifesting his Creator as one part of the Whole Idea. That purpose cannot be completed in one life cycle, or in ten times ten million life cycles. Man has but begun to express the man-idea on this planet. He still has a long way to go, and the body he needs in which to manifest will return to him as surely as the light of day reappears from the darkness of night into which it has disappeared.

### ***What happens after "death"***

The unanswered mystery of "where do we go when we die" needs a comprehensive answer. Abstractions and theories are not satisfying. Nature's processes are simple and are all alike. What happens to one thing, which disappears, happens to all things. There are no exceptions to this process of Nature. All things in this solar system come from the sun and return to it. The "life germ" for which man is seeking is in the sun. The idea of man is in the sun; likewise all idea of all things is in the sun awaiting birth into form. The pulsing light of polarity burns all idea into its form when conditions are favorable for each idea to be mothered by an extension of the sun. Everything in Nature is a moving extension from a still point of the One Light. The center of the sun in our solar system is the point of still Light from which everything in the entire solar system radiates spirally, and toward which it gravitates spirally for its resurrection into another cycle. The sun is the seed of this solar system from which all manifestations of idea in this entire system extend, and to which they return. Motion is for the sole purpose of manifesting idea. All idea springs from a state of rest in its seed. As it unfolds from its seed, it refolds into it. It therefore follows that motion is a seeming two-way extension-retraction from and to a point and has no existence save to senses which sense but the extension, and not the voiding simultaneous retraction. The still points of omnipresent Light from which all idea extends and returns center all the suns of all the heavens. Suns are seeds of idea. From those seeds all form emerges. To those seeds all form returns. The earth has been extended from the sun for that very purpose. Organic life is part of God's One Whole Idea. Organic life cannot be expressed in form in the sun although the idea of it is there. Everything, which appears on earth as form of idea, is in the sun as concept of that idea in the seed. The seed is the father-light, which extends its idea of man and other creating things out into far space where its children, the planets, have sufficiently cooled to manifest the man-idea in organic form. Suns are crucibles which born their children, the earths, and set them out to cool in order that God's idea which is in the formless suns, can manifest form in the sun's extensions.

### ***Suns Are The Seeds Of Creation***

The Creator scatters his seeds of light throughout all space to father and mother all homing imaged forms of His imagining. In the still center of suns is all idea for homing into the images of God's imagining, but in the oneness of the light of suns they are without form and void. All seeds are without form and void even though the pattern of all idea is in them. The oneness of incandescent suns must be divided and extended to cooling earths before the ideas of the mineral; vegetable and animal kingdoms can sequentially unfold to prepare the way for man's unfolding from his seed in the sun. All expression of idea of earth is likewise in the sun and must be extended to earth for manifestation. Mountains and oceans are in the sun but also all things else, the crying sound of a newborn babe, the roar of an



avalanche or the street noises of a city. All of these are light, and such expressions of the Light are possible only through division and extension of the One Light into the two which manifest the One. Millions of years ago this planet became sufficiently far from the sun for the water idea to be expressed as pairs of opposites and organic life appeared upon the earth in lowly forms. These forms gradually complexed until the man-idea began to be expressed, not by a germ, but by the polarization of light itself, as manifested in the interchanging heartbeat of the father-mother light of the universe. The idea of all things is omnipresent in the one still Light. The expression of all idea is extended to the two lights of white suns and black space surrounding suns, which manifest the Creator's two desires. Desire for expression is manifested by the electric action-reaction sequences of interchange between the two opposing white and black lights of suns and space. It is this interchange, which polarizes the still seed of idea into unfolding form of that idea. To polarize means to divide stillness into opposing pulsing extensions. It is like extending a lever from a fixed fulcrum and setting it in motion to express the idea, which is in the still fulcrum. In this manner the womb of mother earth becomes impregnated with the seed of the man-idea extended from the sun, and the first cell of man unfolds from mother earth into the heavens toward the refolding light of the father. This first pulsation of the mother-light, which is burning God's idea into patterned form, is the black light negative half of its pulsation cycle. The unfolding mother-light, which reaches out into the heavens, is the black light of expansion. Black light is the negative pattern of the positive idea of light as expressed by incandescence. In other words, black light is expanded, or unfolded, white light. Conversely, white incandescent light is contracted, or refolded black light. This is Nature's method of giving formed bodies to formless idea. The positive father-light refolds the unfolding negative mother-light in cyclic wave pulsations which man calls "growth," but growth is but a moving picture of sequential patterns of unfolding idea projected upon the imagined three-dimensional screen of time and space. This is the Creator's method of electrically recording His One Whole Idea in many electrically sensed multi patterned body forms of matter.

### ***Life And Death Of Bodies***

To understand the meaning of life and death we must know more of Nature's processes, especially those concerning our body, and the spirit within which motivates the body and forever records our constantly changing individuality. We must know the basis of our individuality and the reason for its constant changing. In order to understand "what happens after death," we must become more fully aware of Nature's processes which give us bodies and take them away to give new bodies to fulfill Nature's law of repetition. Man's electrically sensed body is not the immortal man, which his body manifests. His body is not the individual to which he attributes his life and Being. His body is composed of a few chemical elements borrowed from earth and sun to fashion into an instrument for his use. When his body disappears, the individual who inhabited that body is not dead. Every body emerges from a formless state into a formed one in repeated cycles of appearance, disappearance and reappearance. All creating things are formless as idea at their Source. They then unfold into formed idea through desire to unfold. This process of emergence from a formless state and a return to that state has been going on within man's body since its beginning. All bodies of all creating things are forever turning inside out and outside in during their entire cycles. During a small part of the cycle, bodies are within the range of human sensing, but during the greater part of the cycle they are beyond that range. At no time during the entire cycle are creating things without bodies, or patterned records of bodies, from which new bodies will again spring true to their patterned records. Each inbreathing-out breathing cycle is unfolding the form of a new body from an already existent patterned record. The constant refolding process which man calls death is recorded as it refolds for repetition in his next life cycle. Nature records every action and desire of the body, likewise every conscious desire and thought of the soul in those cosmic elements, which are called "the inert gases"; helium, neon, krypton, argon and others. These cosmic elements, which will not unite with the physical elements, are the basis of God's recording system by means of which every thought and action of every creating thing is stored in them as seed-extensions from sun and earth centers for repetition until their purposes are fulfilled. Everything in Nature is purposeful and nothing in Nature fulfills its purpose in one life cycle. Nature multiplies the time dimensions of her light waves so that patterned records of forms which have expanded beyond man's range of sensing can come within that range, then divides those time dimensions until they again disappear into the other half of their cycle beyond man's range of sensing.

### ***Man's Individuality***

Man's greatest difficulty in comprehending "what happens after he disappears in death" is due to lack of comprehension of his immortality, which never disappears. His visible body would be useless if his invisible, immortal Self, Soul or Person not center it. Man is aware of himself as an individual, but his concept of what constitutes his individuality is vague. His individuality is what he unknowingly interprets his immortal Self to be. His Self, or Soul, never changes, never appears or disappears, but his individuality constantly changes to forever fit the changing concept of what he interprets his immortal Self to be. As every man gradually comes to know the Light of his Self in him, his individuality changes by the constant uplift toward that increasing awareness of his centering omniscience. As greater awareness of the Light of the Universal Self comes to man he gradually loses his individuality and becomes more that Universal Self. When mankind has become fully aware of God in him, the play of man on this planet is finished, his purpose fulfilled, and the individual man ceases to be. Man loses his expression of life in matter—to find eternal life in the Light.

### ***There Is No Death - In Postulates And Diagrams***

God is Light. God is Love. God's creating universe is founded on Love. It is creating with Light. The principle of love is desire to give. God gives love by extending His Light. God's love is a mirror of Light, which reflects His giving of love by the reviving of love. The law of love is rhythmic balanced interchange between all giving and reviving. The symbol of love is the wave of dual light, which gives and revives equally and rhythmically. This is a dual electric wave universe of interchanging light, ended God's love is everywhere; His Light is everywhere. There is naught but good in God's omniscient universe. Evil is a product of man's thinking. God extends His love, His power and His knowing, radically, from zero points of omnipresent stillness to other zero points in the measure of His desire to give form to His

imaginings. The intensity of desire extended from centering points of rest to extended points of rest determines the dimension of desire.

### ***This Radial Universe***

The entire mechanical principal of Nature, by means of which its light illusions of motion are produced, is the consequent effect of such radial extensions. Because of it, the seeming multiplication and division of the universal equilibrium into the opposed electrical pressures of gravitation and radiation, which form the foundation of this universe of change, are made possible. God's imaginings extend from rest to rest in His three-dimensional radial universe of length, breadth and thickness—to become the stage of space for His imagined radial universe of matter, time, change and motion. Points of rest, further extended to other points of rest, form three reflecting planes of still magnetic Light, which are at right angles to each other. From the center of these three mirror planes of zero curvature, God's giving are radically projected to six opposed mirror planes for reprojection as regivings, (to unfold and refold the forms of God's imaginings in the curved electric universe of His desiring.

### ***Birth Of Wave Fields***

The desire of God to give of His love is manifested in projected action as an outward explosion from a centering point of rest acting as a fulcrum. The desire to regive is simultaneously "radarred" back from every point of its progress to refold the unfolding action. All action in Nature is forever disappearing into a mirror of its own image of equal potential. Every projected action in Nature which is simultaneously "radarred" back as a reprojected reaction is sequentially repeated as a similar echo from its wave field boundary planes of zero curvature. All actions in Nature are outward explosions—slow actions of growing things, or fast actions of released dynamite or atom bomb. Conversely all reactions are inward explosions. Actions unfold formlessness into form. Reactions refold form into formlessness. Actions are the basis of radiation. Reactions are the basis of gravitation. Every action anywhere is repeated everywhere throughout the universe. As a consequence harmonic centers of the same measure of desire extend their actions outward from their centers toward other harmonic centers. Harmonic explosions of equal measure thus fill all space in God's omnipresent universe. Outward explosions, which meet each other, cannot be spheres, for all space must be filled. Tennis balls crushed together become cubes by gradually flattening where they meet at six points on curved surfaces. Likewise, outer explosions flatten into the six planes of cubes. Outward-inward explosions are resisted at their maximum in the direction of the six points where spheres meet. They are consequently deflected to the eight points of least resistance, which become diagonals of cubes instead of radii of spheres. Eight directions of two-way expressed force are thus generated which become the basis of the octave wave. Outward-inward explosions projected through each other develop two opposed pressures. The outward direction divides its potential by expanding it radically. The inward direction multiplies it by compressing it radically. Thus, the two opposite plus and minus equilibrium conditions are produced which motivate this electric universe of two-way motion, give to it its heartbeat and produce all effects of illusion caused by the interchange of the two conditions of matter.

### ***Cube-Sphere***

Pairs of interchanging opposed conditions are born from each other and become each other as a consequence of that interchange, as all opposites in Nature are likewise born. The cube and the sphere are the two opposites of form, which all forms of all things are born. They are the only forms ever created. The sphere and the cube both manifest the cosmic principle of balance. Their position in light waves is in the one balanced position in the wave where compression and expansion have ceased to oppose each other, which is at wave amplitude (known as trough or crest). Carbon and sodium chloride are good examples of true cube crystallization. Likewise their atomic nits are true spheres. Sodium-iodide or sodium-bro-made do not crystallize in true cube because of their unbalanced positions near, but not upon, the plane of wave amplitude. The cube and sphere are one, being two opposite phases of the same thing. The cube is the sphere extended to black coldness while the sphere is the cube contracted to white incandescence. Every true sphere in every light wave is an incandescent sun, regardless of its dimension. Probating spheres, such as our sun, are becoming incandescent inward toward their centers, while ablating spheres, such as our planets, are becoming cold inward toward their centers. The cube is born from the sphere to fulfill the desire of the Creator to produce form by projecting light from incandescence toward the cold dark of the heavens. Conversely, the sphere is born from the cube to fulfill the other desire for oneness by reprocessing cold dark from the heavens to light in the seed. The creation of all forms of matter is an eternal interchange between the father-light of incandescent spheres and the mother-light of cold cubes. All forms are born in the direction of the coldness of space and are voided in the direction of incandescence. Every creating body is set out into space from its crucible in the sun to cool into the form appropriate to its extension from the sun. That is one half of the cyclic journey of every body from the sun and back to it. The other half of the cycle is the T return to the sun to void the body of its form for the purpose of acquiring a new body. Every cycle of motion is a journey from heat to cold and back again. All bodies are formed by freezing and voided by melting. The freezing and melting points of all bodies are dependent upon their respective densities and electric conditioning. The sphere is the clay of earths, the light of suns and the formlessness of seed. It is the womb from which the clay of earth extends into the cube-bounded heavens to expand into form, and it is the tomb within which all form is voided for reviving to the heavens as a new form. Every form in Nature is either becoming a cube or a sphere, or is a section of either one. Complex bodies are multiples of spheres of matter surrounded by multiples of cubes of space in multiples of wave fields. All crystal shapes are sections of cubes. Their shapes are determined by their positions in their wave field. The cubes of space are wave fields, which bound all interchanging motion between the two conditions within it. Motion cannot pass through these planes but can be reflected symmetrically back or extended symmetrically toward the center of the adjoining wave field. Within each cube field is the curved universe of two way light illusion; and beyond, to the farthest reaches of space, is a repetition of illusion from wave field to wave field at the rate of 186,400 miles per second. That is the speed in which every action-reaction anywhere repeats itself everywhere. This illusion of motion gives rise to the belief that light "travels." Wave field boundary planes of zero curvature insulate all effects of motion, which take place within it, from every other wave field. Centering the wave field is the incandescent sphere, which mates it. The potential of the entire field is divided equally

between its centering sphere of multiplied matter and the surrounding space of divided matter. Each mate of each wave field in the universe is balanced with its opposite mate, even to the weight of one electron. The reason why the centering sphere is of high potential and its surrounding space is of low potential is due to a difference of volume. The centering sphere may be a few thousand miles in diameter and its surrounding space many millions of miles in diameter; yet they are equal, potential for potential, but unequal volume for volume. Neither of these mates could sustain its separateness of condition unless it constantly interchanged to give all of itself to the other alternately in repetitive cycles. Spheres must give to cubes of space by breathing out to discharge themselves and charge space. Space must then regive to spheres by breathing out from itself to discharge itself and recharge spheres. Each short cycle of interchange is accumulated into a longer life-death cycle in which solids entirely disappear into space and space interchanges its potential to become solids. This principle constitutes the forever inside out-outside in turnings of Nature by means of which all forms sequentially appear, disappear and reappear. The inbreathing of spheres generates low potential into high. The generative process of Nature is gravitation. The out breathing of spheres radiates high potential into low. The degenerative process of Nature is radiation. Multiplication and division of expressed energy into the high and low potential of gravitation and radiation is made possible by the plan of Nature, which causes all actions of Nature to extend radically from omnipresent points of magnetic Light. Gravitation pulls spirally inward from within to wind light waves into solids to center space. Radiation thrusts spirally outward to unwind dense solids into space to surround solids. Each is equal reaction of the other. Each becomes the other sequentially. Gravitation is the positive electric principle, which exerts its pressures centripetally toward the maximum incandescent points of compression in every wave field. It is the father principle of Nature, the integrating principle of "uphill flow of energy" which forever balances its "downhill flow." The Mystery of Gravitation and Radiation is the negative electric principle, which exerts its pressures centrifugally toward its wave field boundary planes of magnetic Light. It is the mother principle of Nature, the disintegrating principle of "downhill flow of energy" which forever balances its "uphill flow." The Creator extends power of motion to but one half of a cycle for each of the two opposite manifestations of His desire. Gravity gives a material form to bodies to manifest the idea of bodies. Radioactivity gives spiritual formlessness to the heavens for reviving to earths as formed bodies. Gravity begins its half cycle as the inward explosive reaction of an outward explosive action, thus fulfilling the law that all opposite expressions are born from each other and interchange to become the other. It ends its half cycle at a point of rest at the still point of magnetic light, which centers every material body whether of microcosmic or macrocosmic dimension. Gravity then ceases when its motion ceases. There is no "center of gravity" in Nature. The centering Light of every mass is still magnetic Light. Likewise the still axis of every vortex is still magnetic Light. Radioactivity then begins its half cycle from that point of rest and ends it on wave field boundary planes of magnetic Light where gravity began. Radioactivity then ceases when its motion ceases. Both gravity and radioactivity borrow their power to find balance in rest at their journey's end from the points of rest of their beginnings. They each repay their separate borrowings to the other at every point of their respective journeys. Each thus perpetually voids itself by giving to the other. At each journey's end each opposite cancels itself out by giving its all to the other. It is then reborn as the other. Everywhere in Nature each action is its own reaction. "Death gives to life that life may live; and life gives to death that death may die." —from THE DIVINE ILIAD

Every action in Nature demonstrates this principle. A ball thrown in the air must start from a point of rest, motivated by energy borrowed from the "center of gravity" of this earth, which is its fulcrum. The point of rest in the thrower's hand is an extension of the earth's still center. As the ball ascends, it decelerates as it pays its borrowed energy to space, thus charging space with the borrowings of earth and equally discharging earth. When the borrowing is fully paid the ball comes to rest. From that point it must again borrow the energy from space, which it borrowed from earth to pay for its return to earth. Upon its accelerative journey to earth it passes each point at the same speed it registered on the upward half cycle, thus discharging space and equally charging earth to balance all borrowings and paying. All actions in Nature are extension-retractions from zero to zero, and back again to zero. All are balanced simultaneously and sequentially. This is a zero universe of plus and minus zero which never exceeds the zero of the One Light from which it seemingly sprang as multiplicity.

### ***Two Opposite Electric Conditions***

This zero universe of equilibrium demands two opposed conditions in order to simulate that which our senses interpret for motion and change. These two needed conditions are plus and minus equilibrium; positive and negative electricity. Plus zero means a credit of pressure borrowed from the universal equilibrium to compress a large volume into a small volume. Minus zero means an equal expansion to balance the borrowed compression. A thousand dollars borrowed from a bank is a plus condition of credit which is balanced by an equal debit of one thousand dollars. The central zero represents the bank. The extended zeros represent credit and debit. Both are equal equals zero but opposite. A credit of one thousand dollars equals zero. When the credit is paid in part or in full the debit is proportionately voided simultaneously with the credit. These two opposite conditions of credit and debit correspond with the two opposite conditions of compression and expansion in Nature upon which motion is dependent. When an equilibrium pressure is divided into opposite conditions from the zero from which both are extended, motion between the two becomes imperative. They must interchange with each other to void their unbalanced conditions. This is the principle of the electric current. Two tanks in it are connected with a tube and petcock. By pumping all the air out of one tank into the other, the two plus-minus conditions have been established which make motion imperative. Nature always burns each opposite from the other in this manner. By opening the petcock an outward explosion will take place in the plus tank. An inward explosion of equal potential will take place in the evacuated tank. The plus tank will discharge part of its compressed condition to charge the minus one. The electric battery is the same in principle. In Nature the discharged radiation, which explodes outward from the sun simultaneously, explodes inward as gravitation.

### ***Two Opposite Electric Directions***

The universe is dual—the still magnetic universe reality and the dynamic electric, radial two-way universe of illusion which extends from the static universe at an angle of ninety degrees. In the dynamic electric universe there are in the

dynamic electric universe there are two directions—inward and outward radial from a still point of magnetic Light to static planes of magnetic Light. The Creator controls all motion within magnetic wave fields. "For behold, I am within all things, centering them, and I am without all things, controlling them." - From THE DIVINE ILIAD The inward radial direction is North—the compressive direction of gravity which multiplies potential by compressing light waves radically into similar volumes of greater frequencies. The outward radial direction is south—the expansive direction of radiation, which divides potential by expanding light waves into larger volumes of lesser frequencies. The two directions of the static universe are East and West. They are static because they are spherical. They follow curved planes of unchanging equipotent pressures, such as the contour of the earth or sun or of the orbits of planets or floating clouds. East and West do not oppose each other. Each arrives at its own starting point without change of potential. North and South, on the contrary, diametrically oppose each other. They are constantly changing. They seek opposite directions, each passing through the other in opposite spiral lanes; each interchanging with the other as it passes; each voiding the other through that interchange, and each becoming the other because of it. East-West spherical planes form the axes of light waves from which the dynamic universe extends its gyroscopic wave, radically, at amplitudes at ninety degrees and also its other gyroscopic octave tones at the varying degrees of pressures where the elements of matter are formed. East-West spherical planes are also the fulcrums of wave levers which curve gravity as they pump high potential into low to expand solids into the gases of space, and low potential into high to compress light waves into the solids of earths. Incandescent suns of white-hot light are born from cold black darkness and cold dark space is born from white-hot suns. All suns are generated into incandescence by two black rivers of evacuated light, which flow centripetally inward toward their still: enters by the way of their poles. Conversely, darkness of space is radiated from two incandescent rivers of white light, which flow centrifugally from suns' equators. Thus are the four arms of all spiral nebulae formed as two pairs of opposites interchanging with each other to become the other two; the two black arms belong to gravity and the two white ones to vacuity. This electric universe is curved—motion is spiral. Where motion ceases curvature ceases. Cleavages between wave field boundary planes of crystals separate them into their individual crystal forms. Motion cannot pass through those planes, for there is naught but stillness there. Motion is repeated in all wave fields by reflected extension from wave field boundary planes. Curvature is imperative under such conditions for opposed pressures resist each other and each must bend to the other to find passage for its own expression of force. Motion and curvature simultaneously begin and end when opposition begins and ends. Each wave field is like a separate projection machine in which its own curved motion picture universe is dually projected upon its self-measured zero screen of space. The incandescent sphere of light, which centers it, pictures the forms of desire in the measure of desire for manifestation. This curved universe consists of lenses and mirrors of light, which reflect, bend, curve, concentrate and decent rate light into its countless forms. Any action anywhere is repeated everywhere by and through countless mirror planes of wave fields and the lenses of space. Layers of light of equal pressures surround concentrated spheres, such as the earth and sun. Clouds float around the earth in them. The reason they float in curves parallel to the earth is because of these spherical equipotent planes of pressures, which curve as the earth curves. Curved pressures of light act as lenses to multiply and divide light radically. Light rays which pass through curved planes concentrate toward a point when projected through light lenses of space in the convex direction and decent rate when they pass through in the concave direction. The very fact of gravity and radioactivity are accounted for by this fact. Every object, which falls toward the earth, falls radically toward its center because of this fact. No two men who stand upright in balance with gravity stand parallel to each other. Lines drawn through the feet and head of any two men standing in either hemisphere would form a cone with its base in the heavens and its apex at earth's center. Rain falling vertically from a cloud project falls conically. The area of the base of the cone in the cloud is greater than its conical measurement on the earth. The electric potential of rain increases as it falls because of the multiplication of pressures by the lenses of light, which surround the earth. For the same reason a man weighs less as he ascends a mountain and regains it when descending. Light lenses subtract from his potential by multiplying its volume while he ascends and multiplies it while he descends by subtracting from its volume. Curvature of light wave axes, by contraction or expansion between planes of zero curvature is the cause of all pressures; all pattern; all of the attributes of matter, such as density, tenacity, melting point, brittleness, conductivity and countless other effects which are voided when curvature ceases in planes of rest in wave field boundaries, or in points of rest around which motion rotates spirally.

Within the wave field centripetal spirals wind light waves into spheres and then cease to be spirals. Centrifugal spirals unwind spheres into cubes and also cease to be spirals. Centripetal and centrifugal spirals are electrically sexed mates. Their interchange burns all forms and likewise voids all forms. Centripetal spirals are electro-positive. They wind light inward into incandescent spheres. They are of the father-light, which refolds unfolding forms. They begin their half cycles at cube boundary planes of wave fields and end cube boundary planes or wave fields and end them at centers of spheres. Fig. 47 diagrams the six mirror planes, which reflect gravitating light centripetally inward through the poles. Centrifugal spirals are electro-negative. They unwind light of incandescent spheres into cold black light of space. They are of the mother light, which unfolds formlessness into form. They begin their half cycles at centers of rest in spheres and end them in the reprojection mirrors of wave field planes. Figure 48 diagrams the six mirror planes which project radiating light centrifugally outward from equators. Fig. 49 diagrams the screen of space, which simulates motion because of the two-way projection of oppositely, conditioned lights inward and outward through each other to create the illusion of motion, change, sequel and time. (See also Fig. 39) Spheres and spherical systems, like carbon are born where centripetal and centrifugal spirals meet. Matter registers the potential of the position of its birth. For that reason it floats in equipotent orbits appropriate to its position in its wave field, together with all units of its system. In the electric current electronic systems are born where the familiar loops of force occur around a charged wire (Fig. 50). Figs. 51, 52, and 53 diagram electric systems forming at AA. The spiral is an incomplete sphere just as crystal forms are incomplete cubes. Spirals and crystals have individuality, which they lose by voidance in the oneness of spheres and cubes. Individuality is given bodies for the purpose of manifesting separateness and multiplicity. Individuality, separateness and multiplicity are then voided in oneness. Individuality in

every creating thing is a moment-to-moment record of its enfoldment and unfoldment. It is the fruit of cosmic desire for creative expression. It begins when the cycle begins, ends with its ending, and repeats itself in each cycle until the entire cycle of any expressed idea is voided in its completion. Two-way sex-conditioned spirals are the consummate individuals of all Creation. They condition all bodies with the condition of their bodies. They unfold all idea from stillness of Mind-knowing into moving form of Mind-imagining and refold it into the stillness of Mind-knowing. They are the electric workers A which fulfill desire of Mind by interweaving threads of light into patterned forms and recording these patterned forms in the still Light which centers every spiral pair, as the axis of a cone centers the cone. The one centering axis of both spirals is the shaft upon which the dynamic universe rotates. All motion rotates and revolves upon still centering shafts, and all shafts are two-way extensions of points, which lead to and through ACE centers of spheres. The familiar wave line, which records all effects of motion, controls those effects. One can record that wave line but is not aware of the fact that it is the power extended by the Creator in the measure of desire for power. The wave line is a record of the amount of energy borrowed from its static equator to express any mechanical process, such as the vibration of a harp string, the pulsations of an engine, the cardiogram of one's heartbeat, or the pattern of an earthquake, as recorded by a seismograph. The shaft of a wave is a line drawn through every point upon the surface of a wave-disturbed ocean in a vertical section, where water and sky meet. Around the still shaft of the wave all motion of the wave spirals to interweave the patterns and forms of desire. All spiral forms must have intense individuality in order to express such amazing varieties of form and pattern. The inside out-outside in turnings of all creating forms is due to the gradual unfolding refolding principle of Nature. This process is controlled by spiral pairs, which are motivated by still centering shafts of magnetic Light. Opposed pairs of spirals gradually expand centrifugally to planes meeting at static equators to complete the unfolding half of a cycle. They then contract as the opposite of what they were to complete the other half. During the entire journey they continue without reversal of direction. A clockwise spiral is always a clockwise spiral during its entire centripetal journey to its apex and its centrifugal journey to its base. The opposed pair, which rotates upon the same shaft, are anticlockwise, for both are projected through each other. The characteristic unfolding-refolding, inside out-outside in principle of Nature causes the integration of matter at poles and disintegration at equators. Matter integrates by the contraction of one pair of spirals around the shafts which wind it into spheres by the way of its poles, and disintegrates it by the expansion of the other pair which unwinds it by the way of equators. The pair of spirals which wind light waves into spheres continue that winding until holes are bored through spheres and rings are formed, aided by the centrifugal force exerted by the expansion of the opposing spirals. Rings are the "death" half of the cycles of spheres. Rings recon dense around points in space and rewind as spheres. The majestic Ring Nebula in Lira is an outstanding example of the disintegration process of Nature. The ring exemplifies the "death" half of the cycle and the newly formed sun at its center the "life" half. A new body has been born out of the old one as it expanded into the heavens. The heavens abound with new bodies appearing from old ones, which have disappeared into another form. The Owl Nebula demonstrates this principle by two rings and two stars reborn from them. The rings of Saturn will become moons, just as its other rings have become its several other moons. Our own moon was born from a ring from earth as it expands its bulk by absorbing its oceans, and accelerates its rotation as all of the outer planets have done. Jupiter is even now developing belts, which will be thrown off as rings, to become moons. These moons will become comets and eventually plunge into the sun as all things in this solar system likewise do. Fig. 64 illustrates the unwinding process by means of which moons free themselves from the bindings of their mother shaft to again seek revolution around the shaft of their beginning in the sun. Disintegration of suns and planets by radiation is accompanied by flattening at their poles. Spheres come into being by probating and go out by ablating. Ever increasing speed of rotation around shafts is the cause of these phenomena. Inner planets rotate very slowly upon their own shafts because they are so close to their mother shaft in the sun, but they revolve very swiftly in their orbits around the sun. Mercury, our own moon, and Photos, the inner moon of Mars, are so close to their mother shaft that they are obliged to revolve swiftly, with the same face always toward their primary. The outer planets have so far broken away from the influence of their mother shaft in the sun, that their years have materially lengthened, their days conspicuously shortened, and their faces are constantly changing in relation to the sun. Cyclones, waterspouts and tornadoes develop on our earth when spirals tighten around their shafts, for the more they thus contract the greater their speed. When spirals are so wide at their bases that their angles to the earth's surface is negligible there is calmness and peace; but when they contract to thin pencils which furiously speed around centering shafts of magnetic stillness at ninety degrees to the earth's surface, they then do inestimable damage.

### **Universal Octave**

The heartbeat of the universe, starting from zero of rest, spirals from its minimum to its maximum and back again to zero, in four pairs of opposite actions and reactions. These four pairs of opposite electric interweavers constitute the universal spiral octave wave by means of which the dynamic universe of effect rises from the static universe of cause. The octave wave formula which governs all motion, and its birth position in the universal wave, is as follows:

Zero to four means the centripetal direction toward the apex of the spiral, which leads to higher potential, density, gravity and the white heat of incandescence. Four to zero means the centrifugal direction toward the base of the spiral, which leads to lower pressure, lower potential, vacuity, radioactivity and the black cold of space. Each of these is half of a cycle. The reason an octave cannot be counted from one to eight, instead of from one to four, is because each of the pressures—which bear the relations of one to four positive in the octave—is a credit pressure, which has its equal opposite debit pressure in one to four negative. The elements of matter, born on the spiral pairs of opposites as tones, have the same relation as tones of music have to the octave wave. All wave motion is expressed in eight tones—four pairs of opposites. The middle pair is seemingly one. The octave is usually expressed as seven for this reason. An octave is a series of orderly harmonic tones. Tones are multiplied and divided pressures of light, spaced rhythmically with mathematical precision, upon each octave wave of motion. The law, which applies to one effect of motion, applies to all, whether sound wave, electric current, color spectrum or octaves of elements of matter.

No state of motion has permanence or even duration. Everything is forever in a state of transition, changing its position in its wave by either multiplying or dividing its vibration frequencies to change its conditioning. The basis of all octaves is the keynote of rest from which the octave springs to express the idea, which lies within the magnetic stillness of that keynote. The fulcrum of the wave of musical octaves is its keynote from which all tonal changes in the octave are mathematically calculated in wave frequencies and volume. That keynote is always in one's consciousness whether the note is being sounded or not. It is the balance of its octave. All tones are out of balance. No state of motion can evade the keynote of rest from which it did not spring, nor can it be separated from it electrically in matter or consciously in Mind. No matter what instrument produces octave tones, its frequencies and other dimensions must be in the orderliness demanded by the opening and closing spiral pairs, which control those by conditioning them. Likewise, no matter what the instrument; whether larynx of man, string of violin, carbon wave field or color spectrum, its sole motivating power for producing change of dimension for the purpose of producing change of tone, is electric pressure directed by desire and borrowed from the keynote of the octave's stillness. Furthermore, all power thus borrowed for one expression in any octave tone must be in balance with the opposite of that tone within which those borrowings have been debited. This outstanding fact of natural law must be borne in mind in considering those principles as applied to the mechanics of the universal wave which produces the octave wave tones of the elements of matter with such precision that any effect produced by any of them in combination, or separately, will produce that same effect always.

### ***Elements Of Matter***

An invariable characteristic of Nature is to express life-death cycles of any idea, in nine lesser interweaving cycles enfolded in the one. When we think of man as an idea, we think of him as grown up to fullness of middle age. Until then we think of generating man as infant, child and youth. Following his generating cycles come the degenerative ones in which he gradually repays all of his borrowings from his zero of rest and returns to that zero to again borrow power to re-express the idea of man. This process of Nature, which expresses its cycles of idea in nine lesser cycles, is conspicuously present in the life-death cycles of the elements of matter. Carbon alone expresses the idea of matter. All the nine octaves of the elements are stages of enfoldment and unfoldment of carbon. The first four and a half octaves lead to the maturity of carbon by the genera-active contraction of gravity. It is the hardest of all of the other stages of its transition, having the highest melting point. The last four and a half octaves lead from maturity through old age to disappearance at the end of the nine-octave cycle by the radioactive expansion of vacuity.

Activity-activity begins at the birth of carbon in the first octave with active-active, inner explosive speed of light, which is 186,400 miles per second. It ends with an equal radioactive, outer explosive speed. This speed is the limit at which motion can reproduce itself in curved wave fields before reaching zero where motion and curvature cease. Carbon fulfills the plan of the Creator in His desire to create but one form: the cube-sphere. Carbon alone crystallizes in true cube, with all of the qualities of the true cube and sphere fully exemplified. All other elements, which crystallize as cubes, are octave extensions of carbon. All such extensions occupy the four-zero-four position of wave amplitude.

In carbon are all of the elements of its previous stages; just as in man are all of the actions and re-actions of his previous stages. Hydrogen is a one octave younger prototype of carbon. It forms on the wave amplitude at four-zero-four just as carbon forms at four-zero-four one octave ahead. In hydrogen is a whole octave of elemental tones. Several of these have been recently discovered and wrongly named isotopes. Isotopes are split tones such as those which a violinist could produce between full tones.

An amazing thing happens at this point in the unfolding of carbon's life record. Hydrogen's melting point is 259 degrees below zero centigrade and in one octave the winding up process of nature acts like a whiplash at its halfway position where genero-activity and radioactivity meet as equals. This effect tightens the winding of carbon into such a dense substance that the melting point jumps to 3600 degrees above zero in that one octave.

Nature immediately counterbalances this accelerative action by dropping nitrogen, the next element beyond carbon, into a gas, which melts at 210 degrees below zero centigrade. It does not recover from the gaseous condition during the rest of its octave.

The cosmic seed of the carbon octave is helium. Silicon is one octave older than carbon. The melting point of silicon drops to less than one half of its older stage: 1420 degrees. The cosmic seed of the silicon octave is neon. When carbon becomes one octave older at the four zero-four position of cobalt in the sixth octave, it divides its full tone into ten split isotope tones; five on either side: Carbon has lost much of its vitality and changes its character by thus dividing it into cobalt isotopes. Its melting point has dropped to 1480 degrees, which is slightly higher than the silicon stage of carbon. Because of sharing that position with ten others it has lost much of its true cube-sphere quality of balance, which the four-zero-four position manifests. The evidence of that is the metallic quality of cobalt, which is impossible in the true cube-sphere position of four-zero-four in the octave wave. The four-zero-four position is one of balance between the pairs of metallic opposites such as iron and nickel, manganese and copper, chromium and zinc or sodium and chlorine. When any of these pairs lose their metallic quality, such as iron and oxygen in iron rust, or sodium and chlorine in sodium chloride, they find both rest and balance in the stony quality of the salts; they crystallize in the cubic system if they are equal or near equal opposite pairs. Sodium chloride is a good example. One can see its approximately true cubes in sodium-chloride (ordinary table salt) or in the distorted cube crystals of sodium-iodide. The four-zero-four position in the octaves of the elements is the position of rest where any action must end its half cycle and begin its other half. It comes to a point of rest before returning to a point of rest, as all actions and reactions in nature do. At one octave of further aging carbon becomes rhodium and again climbs to its amplitude position at four-zero-four by five efforts and descends by five more. Rhodium is more vital than cobalt, for its melting point is 1950 degrees. The cosmic seed of the rhodium octave is krypton. Great vitality is often evidenced in nature's creations after they have fully matured. The radioactive death principle is as vital in disintegrating the body as the genero-active principle is in integrating it. The opposition of the genero-active resistance set up against it enhances that vitality. Such strong, vital metals as silver, nickel, copper, tantalum, tungsten, osmium, platinum and gold belong to the next two aging half cycles of carbon. Tantalum is a radioactive metal, which becomes so dense because of

opposition between the two electric conditioners that its melting point reaches 3400 degrees centigrade, or within two hundred degrees of carbon. Osmium follows with a melting point of 2700 degrees and platinum at 1755 degrees. In this octave the violent drop from carbon's melting point to nitrogen's melting point at minus 210, is balanced by this corresponding genre-active reaction.

In the next octave of carbon's aging, the radioactive death principle becomes more evident in lute-chum. After reaching its three position in the positive half of its octave, it arrives at its balance position of four-zero-four only after making twelve efforts, as evidenced by twelve isotopes. Twelve in the negative balances these half cycle. Among these twelve is the vital tungsten, a negative metal of great commercial value. By bombarding this metal with a sufficiently high current to cause it to disintegrate, it will discharge its seed of inert cosmic gases just as an oak tree will discharge its cosmic seed in acorns. The cosmic seed of the lutetium octave is xenon. The cosmic seed of carbon's last octave of disappearance arises from the unknown inert gas into. Octaves unfold from their past recorded seed and they must have a seed into which their present record can refold. That principle is absolute in Nature. Radium and actinium evidence the going-to-seed process of all completed cycles of growing things in a strong measure. One can see this process-taking place in radium without resorting to the electrocution process referred to as applied to tungsten. A small telescopic instrument, the spintharoscope, contains a needle upon which a microcosmic portion of radium has been placed in front of a fluorescent screen. By looking through its lenses in the dark, one can see the shedding of the cosmic seed of the slowly dying carbon in its radium stage as the rays of those cosmic seeds bombard the screen. The effect is beautiful, like looking into the heavens on a starry night with all of its stars twinkling into appearance and disappearance as fireflies twinkle in the meadow on a dark night. Carbon never comes within perception at tedium, but its efforts to reach tedium are evidenced in the uranium group of isotopes, of which there are fifteen before tedium is reached. Out of this group several have been found and made use of, especially those from which the atom bomb have been produced. Radioactivity has so nearly reached its maximum at this point that the speed of the cosmic seed shed by these isotopes has been measured at 180,000 miles per second, which is approximately the speed of light nearing its ending point at oregano where the octave again begins at alpha on.

**Inert Gases**

The octaves of the elements of matter "grow" from seed, Just as all things grow from seed. From the moment the elements unfold from their seed they are in a constant state of transition, from the beginning of there. Cycle to the end. Elements are not fixed created things. They are pressure conditions of light waves. Those conditions of light pressures are constantly changing from infancy to old age in the elements of matter just as they are in the animal kingdom. The inert gases are cosmic elements, which will not combine with any other elements. They constitute the recording system of this creating universe. They surround the zero from which motion springs and to which it returns. They represent minimum motion in the wave, just as amplitudes represent maximum motion. They are the seeds of the octaves of matter, and each octave has a different seed just as different trees have different seeds. Elements are waves, and waves disappear and reappear. God's recording system does not allow any creating thing to disappear without recording the actions and reactions of its stages of appearance. All states of motion are recorded in the inert gases. In the inert gases are the souls of their bodily manifestations in the universe of motion. In them is desire for expression and the patterned form of that desire. The cosmic inert gases fill all space between the stars of heaven. They insulate states of motion from each other by their balancing zero. They bring all motion into being through the will of the Creator, true to the pattern of desire. They are the source of balancing cosmic rays, which interchange between zero and matter. They vitalize matter with the omnipotence of creative desire, which lies within the zero of these cosmic rays. There are nine cosmic gases; the first and the last being one. Alphanon begins the cycle and omeganon ends it—to begin again at alphanon. There is no beginning and no ending. The list of cosmic gases follows: alphanon, betanon, gammanon, \*helium, \*neon, \*argon, \*krypton, \*zenon, niton and omeganon.

**Spectrum Analysis**

The known octaves which lie within the range of perception are five and one half. These begin with the third, or hydrogen octave, and end with the uranium group, which are isotopes of actinium and tomium in the last octave. The invisible octaves of finely divided matter of space are three and one half in number. These octaves are beyond our range of perception, but they are not beyond our knowing. Light is the universal language. Through spectrum analysis of light waves man has been able to analyze and recognize each element when in its incandescent stage. By means of the spectroscope, he has been enabled to divide light rays through its prisms into the component parts, which make up the life history of each stage of its two-way cycle. Each element tells the story of its entire previous "incarnations" in other octaves, since it's beginning. Any line in one octave is repeated in the next, but shifted in position because of the changing pressures of each succeeding octave. The spectrum of hydrogen is preponderantly red. A bright red line indicates its present octave. Other red lines tell its past history in lower octaves. The simple history of hydrogen, as compared to the complex spectrum of iron, is like the history of an obscure youth as compared to that of Napoleon. In the spectrum analysis of iron, the lines, which belong to iron and those, which tell its recent and remote history can be seen at a glance. These lines also indicate the relative ability of the iron atom to charge or discharge. Wave length 7181.8 is immediately recognizable as belonging to iron in its present octave; 6916.8 is recent history and 6944.8 is extremely remote history Herein follows a partial list of lines whose wave lengths belong to iron or to its immediate mid-tone associates, and also other lists indicating its recent

Belonging To Iron	Recent History	Remote History
7181.8	6916.8	6944.8
6495.1	6827.8	6678.1
6380.9	6335.4	6270.4
5905.8	6230.9	6232.8
5862.5	6157.9	6137.8
5859.8	6102.3	6027.2
5816.5	6003.2	6024.2

5658.9	5930.2	5983.1
5555.0	5701.7	5934.8
5041.9	5686.6	5662.7

The visible and invisible spectrum is divided into several thousand lines. Each line is different in its shade of color and in its plane. Each line proves that this universe of varying motion is a universe of varying pressures.

### ***Atomic Structure***

The elements of matter are not different substances, or different things. They are different pressure conditions of light waves. The light units of the elements are all-alike but are differently conditioned by the electric pressures exerted upon them during the inward or outward spiral journey from zero to zero. The unanswered mystery of how the elements become mathematically precise octave tones, just as musical tones or color tones of the spectrum are mathematically precise in vibration orderliness, lies in the wave field gyroscope principle. Together the eight elements of an octave form two halves of one whole cycle of tones which ascend from zero to the four-zero-four position of amplitude and descend again to zero to begin again. This spiral journey contracts into greater pressures as it approaches wave field amplitude positions at spiral apices, and expands into lower ones on the return journey to spiral bases. That two-way spiral journey of each half cycle extends between six mirrors of still Light, which compose the wave field, and winds around a still shaft, which centers the spiral. Three of these mirrors are the mirrors of action and three are the mirrors of reaction. The three of action are the inner intersection planes of the cube and the three of reaction are the outer boundary planes of the wave field. All of these planes of the wave field are of zero curvature but, the spiral universe, which is forming within those planes, is curved. Curved planes of light act as two-way lenses, which bend light to focal points and extend it from those focal points radically. As the two-way spirals of forming matter extend from the wave field center in opposite directions toward wave field intersections, the six mirror planes of still light focus three points of still light upon the still shaft of each half cycle. Centers are formed at these focal points which become the one, two, three positive and negative elements of matter by rotating gyroscopically upon the wheels of light which act as equators for those homing tones. Multiplying and dividing pressures determine the density and volume of each succeeding element. The color spectrum records these pressures, as the complete history of every element, from octave to octave of the whole nine-octave cycle of the elements. Multiplying pressures of the spiral also affect the curvature of its light lenses to such an extent that the focusing positions change their mathematical ratios *l* in conformity with the acceleration of gravity and the deceleration of radiation. The positions of focal centers of gyroscopic wheels upon the wave shaft are thus affected as diagrammed *j* in Fig. 76 and Fig. 72. Each element is the square of the distance to and from its succeeding one, in accordance with its direction. The direction of gravity is the inverse square, and the opposite direction is the direct square. The volume of each succeeding element is likewise affected directly and inversely as the cube. Six of the eight gyroscopic wheels of the whole octave are thus accounted for by geometric projection of two-way opposed lights through each other, from two sets of three mirror boundary fields. The fourth double tone is formed at the rest point where eight cube wave fields meet. This is the point of rest, which is known as the center of gravity in earths or suns—where motion and curvature cease. The completed sphere thus becomes a section of eight adjoining wave fields and revolves around that point of rest upon the wave shaft where the two half cycles of the wave meet. For this reason the four-zero-four position is one of balance in which the yellow of orange is the dominating color of one of its two gyroscopic wheels and the yellow of green is the other, centered by white. At the two points upon the still shaft of the turning sphere where the shaft penetrates its surface are the magnetic poles of still Light which control the balance of each sphere's turning. One of these is the north magnetic pole which controls the winding of the sphere into density by centripetal electric force, and the other is the south magnetic pole which controls its unwinding centrifugally into space. In a sphere such as our nearly mature sun, these magnetic poles are practically upon the sun's pole of rotation, but upon ablating planets, such as our earth, the magnetic poles are removed from that pole of rotation in accordance with the measure of the earth's oblate ness. The elements of matter are miniature stellar systems. Every principle and law, which applies to one, applies to the other. This solar system is a gyroscopic wheel in the position which iron occupies in the elemental series. When it spirals a little further it will correspond to a carbon atom. The sun will then be a true sphere and its new planets will also be true spheres. The gyroscopic principle accounts for that law of Nature, which causes like elements to seek each other. All decomposing compounds are sorted out, element by element, gyroscopically. The efforts of man to transmute one element into another must be governed by this principle, and not upon the theory that another substance will be obtained by "knocking out one electron." It makes no difference how many planets there are in a solar or atomic system in so far as its "substance" as an element is concerned. One or more added or subtracted would not change the element into another substance any more than one or more children would affect the nationality of their parents. Transmutation will become simplified by observing that the plane of gyration, in relation to amplitude, and the speed of revolution of the gyroscopic wheel upon its still shaft, will alone change volume by either multiplying or dividing density. Great possibilities in new metals lie in the proper application of this principle.

### ***Shape Of The Universe***

This ageless universe has no shape. It has a seeming infinite extension, but that extension is a reflected one. This electric universe of two-way extended light is but a series of mirrors, which reflect into each other through curved lenses. Its seeming extension might be likened to a light within a mirror-bounded room. One light within such a mirrored enclosure would seemingly extend infinitely, but the light thus mirrored would be the same light. The reflected extension would have no reality. The idea of continuity or discontinuity is based upon mirrored effect of an initial Cause. Continuity infers time. Time is but one of the effects which constitutes this universe. Time flows two ways, but the senses detect only the forward flow. They cannot detect the backward flow, which cancels out the forward flow. Time is as unreal as the wave universe is unreal. What is true in principle of one wave is true of all waves. Each wave is a two-way reflected extension of an equilibrium zero which we call a vibration. Vibrations appear, disappear and reappear from their source of rest to manifest idea, which is existent alone in rest. Just as the



vibration of one wave disappears into its zero of universal stillness, so do all vibrations disappear into the universal zero of stillness. This zero universe of vibrating waves can have no shape other than a seeming one.

### **Voiding Principle**

This is a zero universe of seeming mechanical motion of force exerted in a seeming three-dimensional universe. Every action of any nature begins with zero, counts up to nine, to end and begin again at zero. Beyond nine it cannot go, but up to nine it must go. Nine is universal. Nine is universal because it is the wave field number—the eight of the cube centered by the zero of gravity in the sphere. Our decimal system is based upon the wave field of the cube sphere. It is as follows: 0-1-2-3-4-0-4-3-2-1- 0 equals 10-1-2-3-4-5-6-7-8-9-10 The musical scale and the spectrum of Nature corresponds to the wave field tones. They are as follows: Music 1-2-3-4- 0-4-3-2-1-0 tones do-re-mi-fa-sol-rest -sol-do-mi-re-do (Keynote) (Overtone) (Keynote)  
Spectrum black red orange yellow white yellow green blue black  
Tones violet

Zero centers the three centering planes. All intersections of these planes add up to eight. Eight, centered by their zero sources, equals nine. Likewise the cube itself adds up to eight by counting the intersections of its six faces. Also there are eight directions of action and eight of reaction; each eight being four pairs, which are nine by adding the centering zero. Nine is the three times three of length, breadth and height extended from zero. The length, breadth and height of any expression are two extended zeros centered by zero. Length and breadth are static, for they are both on equipotent levels. Height is dynamic, for it is radial. The universal nine of matter and space is three mirrors of rest, centered by rest, from which all three extend at right angles to each other, each mirroring itself into the other. The universal nine of the octave is four pairs of opposite pressures extending diagonally from zero, which centers the cube to eight, zeros which corner the cube.

The measure of extension from zero to zero is desire for extension. Desire for extension from zero to zero is energy in zero. Energy extended from zero to zero is manifested by pressures of desire equally multiplied and divided-equally added and subtracted-equally credited and debited-and equally and oppositely conditioned. The sum of all these balanced effects is zero.

Zero pressures equally multiplied and divided are manifested by the action and reaction of motion. Motion is a projection of the opposed energy pressures of desire from within a centering zero to the extended mirrors of rest, which measure desire and mirror it back to rest in the centering zero as expressed desire. The sun of dually reflected motion thus expressed is zero. Zero thus extended by action to fulfill desire for expression, and simultaneously mirrored back to manifest the fulfillment of expressed desire, is all there is to this universe of rest. Zero multiplied or divided-added or subtracted-extended or retracted-results in zero. This is a zero universe in all effects of motion—a seeming universe in time and sequence—and a mirage universe of imagined form.

It is a universe of two negations which simultaneously cancel each other and sequentially repeat the canceling of their negations to create the illusion that zero can be multiplied-or divided-or added to –or subtracted from-to create a reality which never is nor can become. That is what Creation is. It is the imagining of knowing. Knowing is Light. Light is still. Imagining is thinking. Thinking is the imagined action and reaction of motion mirrored from zero of rest to zero of rest. This is a still universe of the Light of Knowing. In it is no activity. But what about our senses? Our senses tell us otherwise. Our senses are inadequate. They deceive us mightily. And that is good; else the play of Creation could not be played. The senses record but little of the whole. If the senses could but see the whole there would be no play. The senses record motion alone for the senses themselves are but motion. Motion is an illusion, which only seems. It has no being. The senses do not know, but man believes that his senses do know--and in that belief lays man's confusion. The senses, being but motion, sense moving things, and moving light mirrored as moving things. They sense the forward movement of an airplane piling up compression ahead of it—but they do not record the mirrored invisible counterpart of that plane—equal to it in potential and speed—moving backward into a vacuum behind the plane which simultaneously voids the compression ahead of it. This inadequacy of the senses to record the backward flow of forward moving things—causes the illusions of sequence and of time. In Fig. 77 this principle, diagramed by arrows extending two ways from every element in the whole known series, indicates that integration is simultaneously balanced by disintegration. No time interval elapses between the debiting of any credit extended to opposites in Nature. Fig. 78 diagrams all matter as pairs of opposite conditions. Each line is connected with its opposite mate. Each of the pair is a negation of the other one. Each pair is conditioned as the two tanks of air in Fig. 17 and the storage battery in Fig. 18, on pages 230 and 231, are conditioned. Each one of these elemental pairs is equal and opposite mirrored extensions from a centering zero fulcrum. The fulcrum of all effect is the One Light of God.