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FEB 11 1914

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THE LATCH KEY



"Spiritus Excello."

1904

THE
LATCH-KEY OF LIFE



THE SECRETS OF THE SAVANTS

FRIENDS OF PHILOSOPHY



LESSON No. 1.

1.

FACTS
FROM
THE
FIRESIDE.

A log fire in a cosy corner in a country house! The flames stream up the smoke carols for a while then, as if tarrying too long, suddenly darts up the chimney, playing with the flames as it goes.

The wood coals and becomes red, sparks drop beneath the andirons, scintillate for a while and then when the last bit of matter is reached sends out a flash of pure white light and it is gone, nothing but ashes remain—we have seen the mysteries of Nature!

2.

FRIENDS
OF THE
FIRESIDE.

The long winter days the cold without and the inviting heat, makes us all FRIENDS OF THE FIRESIDE. Here, when all is quiet save the whistle of the wind around the eaves and the sputtering of the fire, we find thoughts—whisperings from the voice of Nature.

3.

DRIVEN
BACK TO
EGYPT.

Man in his primitive state, unhampered by sophistry, creeds and text books, was ready to accept the plain and simple dictation of his reason.

The Egyptians are said to be the oldest nation on the earth and thousands of years ago they had arts and knowledge which are even unknown to-day.

Their priests were enlightened men with great power and riches—science and religion was one with them.

All forms of religion are said to have had their origin with the Egyptians. Moses was born in Egypt and received his education there.

4.

THE
NEW
IS OLD.

The newest discovery of science—RADIO-ACTIVITY and the phenomena of Radium have upturned the long cherished theory of the materialists that “matter cannot be created” and we must return to truth of Moses and allow that matter or the universe WAS CREATED and we must also extend the hand of credulity to the science of the Catholic doctrine and admit that the imaginary chasm between Catholicism and truth never existed.

5.

WHAT
THE
GREAT
CARDINAL
SAYS.

Cardinal Gibbons, on page 305 of his valuable book, “OUR CHRISTIAN HERITAGE,” says: “Science, on the other hand, when studied with humil-

ity, reveals to us the intimate relation of the forces of Nature with one another the unity of the laws governing them, and their subordination to a controlling Mind.

"In all its endeavors to follow up the changes and developments of the earth, it can never get beyond a certain first substance which is under the influence of certain forces and under the dominion of certain laws."

6.

MATTER
IS ONLY
SPACE OR
NOTHING,
WITH A WALL
OF SPIRIT.

Fire was held in sublime awe by the Egyptians and the Sun was worshipped as the source of Divine Power. The wonderful Pyramids are

supposed to have been erected for the glorification of these subtle forces in Nature.

Modern thought reverts to ancient ideas.

Fire is simply spirit in motion.

Heat is a circular or circumscribed motion or *direction* in which spirit is moving—it is the "Prime Mover" of organization, the creator of matter and the parent of the universe!

A centrifugal act occurring from the intellectual fiat of spirit—leaving a center, a whirling away of spirit to a certain circumference or distance from a center leaving space in the center—this is materialization, a creating of matter, the formation of an atom, from nothing!

7.

THE DISPLACING
OF MATTER
OR OF NUMEROUS
LITTLE WHIRLS BY
QUIESCENT SPIRIT.

Oxygen—a rushing flying molecule, a guardsman driving all other molecules from within a certain radius, like a bull in a

pen, a molecule floating in spirit, keeping the area for spirit only.

Oxygen is the advance agent of Spirit, but oxygen cannot always stir matter and put it to flight by its own power alone. Graphite or coal will not succumb to the onslaught of oxygen unless heat first steps in and by its own whirling force entangles the carbon molecules and carries them around in orbits, then oxygen can keep the molecules whirling until they disentangle themselves from one another and then entangle themselves with the oxygen molecules and continue whirling in the form of carbonic acid gas.

It is possible that oxygen molecules are disc shaped as cold oxygen is more active than when hot.

Plants probably use carbonic acid by the rays of the sun changing the disc shape of the oxygen molecule thus allowing it to separate from the carbon.

8.

SPIRIT AND
MOTION THE
SECRET
OF THE
UNIVERSE.

Spirit an indivisible infinite, intelligent, merciful, loving entity with space as its playground, has formed the universe for its own glorification and ours. This entity was folded in upon itself and sufficient unto itself for all eternity until "the creation" which will also now be eternal and finally perfect in its own laws of happiness and individualism.

There are only TWO PRINCIPLES of motion in the universe, the circular and the straight.

Heat is a circular motion. Light is a straight motion, or nearer to a straight motion.

Heat may be latent which implies that the spirit is revolving in one location as if on an axis—or it may be perceptible and the molecule circulating in an orbit.

While heat may organize in one case

it may disorganize in another, although it may disorganize it cannot annihilate matter. The straight line force only can turn the direction of the whirl from its curve and allow quiescent or motionless spirit to fill in space and thus annihilate it. It seems that spirit often whirls in a disc shape, making disc molecules. When ice is pressed at any point, it melts the pressure has pressed some of the discs to a round shape so they become mobile.

A magnetic cold ray from the sun may be changed in passing through air to a whirling heat ray.

9.

PHILOSOPHY OF LOCKE, FICHTE, BERKELEY AND HERCHEL } Locke says: "Pure space is capable neither of resistance nor motion. Spirit is a substance in which thinking, knowing, doubting and a power of moving do subsist.

Fichte says:

"Matter is the mere educt of the mind itself."

Berkely says: "What is called the external world is a succession of notions impressed on the mind by the Deity."

Sir John Herchel compares a ray of light penetrating glass to a bird flying through a forest.

It seems that invisible rays of force are nearly straight, the dodging of molecules gives various wave lengths and effects according to the molecules.

10.

GOD THE ARCHITECT OF THE UNIVERSE. } All the various elements and objects in the universe are simply a certain motion of spirit, the variations resulting from the action of the forces which are simply spirit in motion. Size and form

then constitute the existing conditions of the universe—matter is only a relative existence.

11.

THE REGULAR IDEA OF A "VACUUM" REVERSED BY OUR NEW PHILOSOPHY. } A vacuum or where there is no "matter" is really a place where substance exists and where space is occupied by spirit, while dense matter or at least what is made to appear dense is simply dead inert matter or space unoccupied by anything.

Matter is an aggregation of space spots or atoms, the atoms being outlined by a moving spirit substance.

12.

GRAVITY A RELATIVE IDEA. } The heavier a substance is the less of life and power it has and thus spirit or light substance can transcend it—it can move and in moving it throws matter behind it, thus gravity is a secondary consideration to the great whirl or centrifugal force which the Deity instituted to form our earth, which is the macrocosm of an atom, the latter being the microcosm.

13.

GOD IS THE OMNIPRESENT INTELLIGENT, GOOD AND KIND POWER OF THE UNIVERSE. } There never was a motion unless there was a thought before it—whether it be the mighty current of spirit from the sun, the invisible stream of electricity passing around our earth, the radiation from the last spark in the fireplace, the raising of the hands of the child in prayer or the streams of spirit from "radio-active" cells.

Mind is the potential and the sole originator of motion.

The brain or nerve cells of the human body are spirit spaces—oxygen drives out the center of carbon, leaving a vacuum space surrounded by a cell wall of albumen and ash.

Spirit can whirl about space and form a sun or it may form an atom, it may shoot across a whirl, and its circular motion and matter will vanish.

14.

POWER OF PRAYER. Without arguing the matter or idea of pre-determination, we know now the power of God who fills the Heavens, interstellar spaces and cells the great mind can create all things desired, make force or motion or annihilate the same. When Jesus prayed God created bread and fishes with which the multitude was fed.

15.

POVERTY IS THE CRIME OF THE RICH. God makes the grain, the grass, the wood and the stone and he always owns them, no matter who holds them and while others are needy no man has a right to more than he needs for his own actual needs of existence. There is enough to make every being on the earth well supplied if some criminal has not congested the supply by his greed.

16.

SIR OLIVER LODGE SPEAKS OF THE DIVINE MIND IN RADIUM OR WHERE RADIO ACTIVITY OCCURS. Sir Oliver Lodge says "a motion and alteration of the configuration of the molecules of our brain are believed to accompany every act of thought.

It will be at any rate a suggestive analogy if a material process of an essentially similar sort is found to be occurring throughout what we know as the inorganic world.

Does all this motion correspond to some universal thought or mental activity likewise?"

Pain is from loss of spirit in some part of the body. The physiological effect of HUMILITY, FAITH, HOPE and charity are considered in the Magazines of Kimistry.

17.

THE POINT OF A PIN ILLUSTRATES THE ANNIHILATION OF MATTER. A point continued to an absolute end must end in spirit! Matter is cut down to something beyond our senses, the absolute end of a point may contain an atom, but matter ends here here where one single whirl of spirit surrounds the smallest amount of space possible, beyond there is no whirl or motion of spirit consequently no matter, yet there is now unparticled spirit.

18.

SCIENTISTS DAZED BY THE SHATTERING OF THEIR ESTABLISHED CREEDS. Sir William Ramsey has announced that by means of the spectroscope he has discovered that one element can be changed into another, that "Radium" gas changes into Helium gas of its own accord.

19.

FIRESIDE
PHILOSOPHY
OFFERS
NEW THEORIES.

The nature of matter and its relation to spirit have never been understood and savants are unable to understand about the strange actions of Radium, they are wont to put a tag of RADIUM on every spontaneous exhibition of the forces. So rabid has been their tenacity to the edicts of LAVOISIER that anything which savored of the ideas of Paracelsus or Roger Bacon was looked upon as absurd, but the heresy which was originated in the last part of the eighteenth century after the little spasm of about a century is dying. This last orgasm is what is now convulsing the materialistic scientists, but now they begin to look back to Pythagoras, Democritus, Plato and to Newton and Brewster.

The idea of the "stability" of matter has been carried to such excess that the scientists cannot conform his mind to the various conformations of matter and their corresponding phenomena of force. A certain unvaried behavior has been (for the last few years) assigned to all matter so when the savant finds light, heat and electricity emanating from a certain source—eternally without loss of its substance, he names the substance with a new name as the conditions are new although he has had an exhibition of analogous phenomena in the magnet. When air (oxygen) is forced into a quantity of melted iron, steel is produced (Bessemer process). If a current of electricity is sent through a bar of steel it becomes a permanent magnet, with an eternal force emanating from it yet he does not call the steel RADIUM.

The sunbeams appear to be a bundle of rays of force from magnetism to heat. Some rays get struck by the molecules or dust particles of the air and some do

not, some rays are spiral, some zigzag and some straight. Sound is a rarefaction and condensation in one direction, the same as if you were punching an object with a stick. Different sounds are different intensities of impact, volume is from area of impact. Sound gives the negative current of a telephone wire varying impulses. Letters spoken give the vocal organs shapes for varying intensity of sound.

20.

IS FORCE A
MOTION OR A
MATERIAL?

Count Rumford announced that heat or force was simply a motion and that no material was passing when force was in play.

Fireside Philosophy says that A RAY is a line of spirit substance actually moving and a substance passing. Our new theory is that the ether or spirit is unchangeable and non-compressible so that a pushing at one point instantly pushes at another point. If you have a long stick and push on one end you push at the other end at the same instant, a ray of force does the same. Heat can transmit motion without a passing of spirit. If you take a clock or series of gears and turn the one on one end, you must turn them all at the same instant, yet the wheels all remain in their original location. The phonograph shows sound to be simply impulses, each sound indents the wax of the record more or less. Little sounds may corrugate the slopes of the valley made by the big sound. Colors or pictures cannot pass on a wire.

In this (paragraph) No. 20 as we refer to the "cog wheel" impulse and the "straight push" impulse it may be apropos to consider the relations of electricity to these peculiar impulses.

We used to consider the "high frequency currents" or the impulse per-

taining more to the straight push as the positive current, but our latest theories cause us to call this current the negative current as it is cold or without the whirling motion of heat, so we must call the "cog wheel impulse" the positive current now, although this heat is the cause of negative currents as it makes a cell which puts out a radiation of cold negative current.

In a galvanic battery is originated the force of electricity, when the vacuo cell (as explained in another paragraph) radiates its force in all directions from a center. Some rays go on through the wire from the zinc, while others go out through the copper or carbon. They must meet somewhere in the circuit or copper wire. They started as a negative current and followed the ether spaces between the molecules or in the gas or peculiar air which always adheres or belongs to every surface (aura). But when these two currents meet, what must occur? They must whirl about and either both currents be changed to heat and a radio-active cell be made, which makes new currents; or else one current, after mingling and assisting in making heat, follows the ether spaces as a cooling opposite effect or negative current, and the other does the "cog-wheel" duty and becomes the positive current. All the while magnetism is going out sidewise and it seems then turns on the ultra area and follows the wire as a spiral, at least a long drawn out longitudinal "straight spiral."

Volt means "electric pressure" and "ampere" means the quantity of current according to electricians.

Does the volt mean negative and the ampere positive? is a fine question.

It would seem that the pressure must come from radiation of vacuo cells originally and it would seem as if the quantity of force depended upon the number of radio active cells in the battery.

When there is a break in a current or a separation of the copper wire at some point a SPARK is produced, a high frequency current, this must be from radiation as the air is more etherized than a metal, the "cog wheel" effect must drop away and the straight push or ray predominate this is the principle of wireless telegraphy and telepathy.

There may be a variation of the impulses which may be the "attuning" or "individuality" by which the current may be recognized from other currents.

21.

HEAT AN
INDIRECT
PROMOTOR
OF RADIATION.

We refer to heat as being a whirling force—it may be the flattened disc-shaped whirl, the globular whirl, or the whirl in various-shaped orbits or inclines.

Heat may arrange a series of atoms or molecules in the form of a shell.

When hot iron is burned in pure oxygen (in a jar) it melts and drops to the bottom of the jar in the form of HOLLOW SHINING GLOBULES which are magnetic and composed of black oxide of iron.

When heat forms a molecule out of atoms it is solid but with a cool temperature outside. A shell hardens outside first and as the inside is yet hot and expanded and liquid and the outside fixed and immovable the final cooling of the inner parts must leave a vacuum inside or rather removes all space atoms and allows pure spirit to flow in through the spaces between the atoms, this is mind and can radiate as a motion. When vapor or rain drops cool a vacuum forms and a thought of God's forms a crystal, a six pointed star, a snow flake, the same mind forms the flowers and the trees.

A pure spirit cell can be made only naturally as it is impossible to make

perfect spirit cells by pumps or mechanical instruments.

Nerve cells are vacu cells as explained in Paragraph 13.

A lump of burning charcoal gives but little light, a red heated mass is seen

but when the mass is reduced to a small spark then radiation occurs. Only the molecules on the exterior can radiate as air, glass, etc., only, allow light to pass, so the inner radiations are turned to heat.



HOME OF FRIENDS OF PHILOSOPHY AND PHOTO OF THE FOUNDER.

FRIENDS OF PHILOSOPHY



LESSON No. 2.

22.

MATTER CAN
BE CREATED
AND
ANNIHILATED
ONLY BY
THE DEITY.

The universe has a limit and a boundary—it is a complete being. There can be no creation of matter or a removal of the ether or spirit from the center of the universe unless the circumference of the universe is increased, as spirit cannot be compressed—so a simple displacement of matter is all that can occur from any local fiat.

When carbon atoms are dissociated or passed off into the air there is the regular amount of space in the universe.

Plants by aid of light can reorganize the atoms.

23.

REMARKABLE
PHENOMENA
FROM
SPRING WATER
CONTAINING
SILICON IN
SOLUTION.

In the fall of 1903, one evening when the temperature was at about 50 degrees, the writer had occasion to go to a spring on the grounds surrounding his country house for some water. In dipping out the water with an iron pail his hand became wet. After taking hold of the bottom of the pail to empty the water,

there appeared a streak of fire across his forefinger. This collected together into a drop and fell on the stump of a tree. The drop of water appeared like liquid fire and illuminated the stump of the tree where the drop fell.

It seems the heat of the finger expanded the water and the edge of the cold pail contracted it leaving vacuo spaces, the silicon serving as a wall for the temporary cells.

An electrician was recently using a mercurial vapor electric lamp, and when he had turned off the current was surprised to see the mercury glowing just as bright as before.

The writer is now experimenting with the silicon water from his spring and hopes to produce a radio active mineral of a permanent nature.

This water exhibits no radiation until it has been heated and cooled and then the radio active power lasts for 3 days unless the silicon shells are "set."

Silicon is made soluble by the presence of an alkalic. This is why fossil remains are found in alkaline soils, the sand is made soluble and the acids from decaying animal matter neutralizes the alkalic and a solid stone reproduction is made, so we must make fossil vacuo shells to secure permanent radiation as in "Radium."

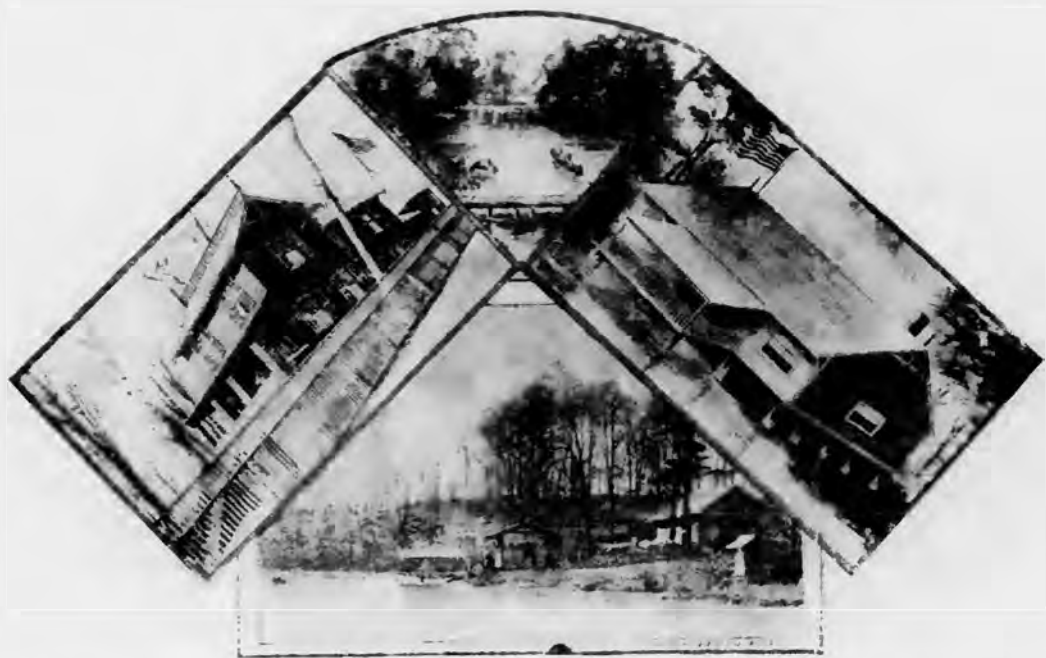
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with the use of chlorine in connection with other chemicals and a peculiar heating and cooling process.

24.

LAX USE
OF THE TERM
ATOM.

It is so difficult to keep all the conditions of the occult in our mind that the term atom has been used promiscuously to represent invisible or occult particles.

Properly the word atom refers to the smallest amount of space surrounded by spirit, and as all spirit is alike and all atoms are alike the combination would represent the "first matter" of the alchemist.

Atoms are arranged into molecules and it is the size, shape and behavior of molecules that constitutes the difference of the element.

In organic substances molecules are themselves arranged into groups and organic substances themselves are arranged into cells and cells into complete living organisms.

While atoms themselves are always round, molecules may not be.

It is hard to conceive of a form being long or flat, without offering an opportunity for a division or knocking off of corners, thus atoms must be round. When angular pieces of graphite are put into a fire the angles are all burned off first leaving a rounded form thus the relation between heat and a round form.

25.

VOLCANOES,
HOT SPRINGS,
AND CAUSES OF
TERRESTRIAL
HEAT.

It has been found that when it is necessary to build a tunnel through the base of a mountain the heat becomes terrific in the interior, and the workmen

would be roasted if cold air was not pumped into the tunnel. The immense pressure or weight above presses the disc-shaped molecules of the minerals and rocks into a round shape, which gives them a chance to move or roll easier thus they take greater orbits, and heat results.

Volcanoes exist in Iceland just as easy as in Central America.

26.

ANNEALING
AND
MALLEABILITY
OF METALS.

Crystallization has been considered in Paragraph 21, but when matter is cooled very slowly through long periods of time, vacuo spaces are not formed.

Ordinary cast iron is crystallized, but when it is heated in a furnace and gradually cooled through several days or weeks, it becomes "malleable iron."

The iron which is used as an electromagnet for a telegraphic machine will not work unless the iron is annealed very soft by being heated and allowed to cool in the ashes as the fire gradually dies out.

27.

TO MAKE
GOLD.

Gold is very heavy and malleable, and can be made from the base metals if you know how to conform the molecules. Nature does it in mountains under great heat, and then by a gradual cooling UNDER PRESSURE.

28.

LUNGS AND
HEAT THE
MEASURE OF
INTELLECT.

As the lungs take in the oxygen which cause heat and vacuo cells, they are the guages of life and intellect, strength and joy, so we can see the need of pure outdoor air. See MAGAZINES OF KIMISTRY. See last Paragraph of the Lessons.

29.

EQUALITY OF
MANKIND
AND THE
UNAVOIDABLE
BOND AND
FAGOT.

If you place a lot of marbles in a box, you will see that there are spaces of an angular and concave-sided shape. The spaces are all united and form a fabric like a honeycomb. The spaces are Spirit, but it is the sub-conscious mind or the great individual soul.

The cell or vacuo space is individualized. A round form contains the most space or spirit, as the case may be, with the least surface exposure.

30.

CENTER AND
SILENCE.

The universal fagot, the ether or spirit, is silent and thoughtful. Cells are formed and vacuo space, then here is thought. For motion a center must be formed. This center is a BREECH, and a radiation or exodus of spirit can occur. Then the old cell is destroyed—new ones are formed—the old Spirit has returned to the universal mind—new spirit comes in. Thus form is the mould of the soul—all the cells of the body are destroyed every little while.

The soul is a matrix and can reform a

body or combination of cells in the Spirit Land—the soul is the perfume of the body.

The great Spiritual Fagot or bond connects all beings. If you injure another, it comes back to you like a boomerang—you are in a great circle.

31.

OF INTEREST
TO
ELECTRICIANS.

When a wire is conducting electricity, there are several effects, positive and negative, volts and amperes. An ampere is a force rotating the atoms—the heating effect—the vacuo space former—the parent of radiation—then radiation of the vacuo spaces push on the universal fabric, the ether in the interspaces making volts and the negative current, but moving in the opposite direction from the amperes. See paragraph 19.

32.

LIGHT AND
HEAT FROM
RADIUM
ARE FROM THE
ABSORPTION
OF ETHER.

The emission of light from a substance spontaneously, as in the case of "Radium," is not a new phenomenon. nearly forty years ago, Prof. Stokes enunciated the fact.

He filled a glass tube with a solution of sulphate of quinine and then moved it through the spectrum, entering at the red ray. When it had passed through all the colors and entered the region of the ultra violet, or where the invisible magnetic rays were, the tube lighted up.

A solution of horse chestnuts acted in the same way, so also did glass stained with oxide of uranium.

The same straight line force is changed when passing through sub-

stances whose molecular structure and behavior is different—the first force has its trend changed or “wiggled” into waves or zigzag curves of various lengths—thus gives the sensations of colors.

When light passes through oxygen, it is but slightly “wiggled,” as there are but few molecules in oxygen, yet they are “hustling” ones.

Many rays pass through untouched.

In glass the molecules are more numerous than in oxygen. In the thin end of the spectrum many rays go through unscathed. In the thick end not so many. Thus the wave lengths vary from violet to red.

The dark lines in the spectrum are caused by some of the rays being annulled entirely and used up in rotating the molecules which they struck. Thus, as elements have molecules more or less numerous, the dark lines vary.

Prof. Rausey found that spring water containing “radium” formed a GAS of its own accord, without loss of its own bulk. This gas gave a certain “dark line” spectrum called the “Radium” spectrum. In a few days he tried the same gas, as he supposed, and lo! he gets the spectrum of helium.

The organizing whirling effect from the force of Radium first created a few molecules, then more!

A first force may pass through some element or thickness of glass, or be given a varying power either to create new life, and when the red rays generate the Amoeba, etc., or when the violet ray changes the molecules of organic matter and reduces fever and heat.

33.

HYDROGEN THE FIRST MATTER.

It would seem that as elements have a varying weight in proportion to the space which they occupy, that their difference must consist in THE AMOUNT OF SPACE in each case. The heavier an element or substance is, the nearer the atoms must be to each other and the shorter their orbits.

There are several ways to accomplish this.

When hydrogen is compressed, the atoms might still remain single with reduced orbits by enough condensation they might simply turn on their orbits and this might make gold.

If you notice the phenomena which dust presents in a ray of sunshine, you will learn much. I never yet saw two particles of dust touch each other, although the dust was very thick in the air, often two particles come near together and whirl around each other for a while, but never touching. These dust particles seem as if possessed with as much intelligence in the matter as flies.

If the sides of the receptacle or room in which the dust was flying were brought close together no doubt the dust could be made to consolidate, that is several particles adhere together when they would become so heavy as to settle down immediately and all groups join together into one group. As the particles of dust are of irregular forms there would be no more revolving in orbits, no single particles or groups of particles revolving or flying, but with hydrogen whose atoms are round it is different.

By an intelligence such as is shown in nature or by the proper methods, hydrogen may be made into any other element. If this gas is compressed suddenly or too slowly then different results

would occur, it might make liquid hydrogen by a little compression.

If by a proper compression two atoms whirl around each other for a time they may adhere together.

Electrified particles first repel each other and after a time attract each other.

Atoms in groups of two revolving in orbits might be a different gas or element. If these two should join two more and four atoms should revolve in a group another element would be produced and as each uniting of atoms made more space or visible material in the same space it would be a heavier element. Just so many atoms in a molecule and just so many molecules revolving in a certain space would make a certain metal or element.

It would seem that as gases and liquids cannot crystallize, that the atoms do not touch. The same must be the case in molten metal or any fluid state, but it is very evident that as the atoms are round and revolving in orbits, that molecules are in a round form, that is, a group of atoms in a round shape form very readily, and we see this law continually in drops of dew, water, melted lead, etc. In fact, this is the first cause of crystallization and the condition for a vacuo cell—the radiations in radiating lines of force would make a spirit force.

In lines between these pushing lines and where there was no force, other molecules would settle in, and these in turn form radiations. This is exemplified in the snow flakes and freezing water, the forms often resembling cedar trees.

This is why ice expands—as the radiations leave spirit spaces of ether, or spaces with concave and angular form.

All crystals must have been in a fluid state, or they could not crystallize.

When a rain drop freezes it has a regular radiation, but as it is falling the

perpendicular axes only are preserved. This makes it in a flat, six-pointed star. The reason why many crystallized forms are disc-shaped is from motion at the time of radiation, or from some outside obstruction.

The blood discs are first white and of a round shape, but become magnetized and are forced into a solid cold disc—the heat is in the tissues.

34.

HOW STIMULANTS ACT.

Stimulants taken into blood are easily oxidized, leaving bubbles of carbonic acid gas in the arterial blood—and causing it to become acid or positive—while it should be solid, alkaloid and negative.

It has recently been discovered that a thick liquid will circulate better in capillaries than a thin liquid, as has been heretofore supposed. A solid, cool, negative, alkaline blood is attracted by a light aerated positive tissue.

The blood discs or molecules are always flat in good blood. Stimulants make them assume a round shape.

Air forced into the blood through membranes by a mechanical process has been known to cause death by making the blood too positive.

The roots and sap of a tree must be cold, and the tree and leaves hot, or it will die.

Manure piled around hardy oak trees will heat the roots and kill the trees.

Stimulants burn in the blood and this heats the tissues of course—they serve as a spark to the tissues—vacuo cells are created and nerve force produced—thus the heart beats harder, the lungs work faster and all the internal muscles are made active, but at the same time the first cause of the force was accompanied by a stagnation of the blood in the capillaries. This means metamor-

phosis of the nerves, and a greater loss than the increased muscular activity can make up.

Stimulants in small quantities give the brain more power temporarily, but it is to it later remorse and disease.

Stimulants make us think whether we want to or not, or whether our strength will admit of it or not.

Avoid them and you will eat more and relish your food better and be stronger, both physically and mentally. You can reduce your passions by fasting.

35.

CAUSE OF
HARDNESS
OF MATTER.

Crystallization is the cause of hardness. Metals and substances that are hard are of crystalline structure and the finer the crystallization or the smaller the crystal molecules are the harder is the substance and the sharper the edge can be made.

Crystallization is the most perfect "DOVE-TAILING" or interlapping process ever made.

It is motion which makes cohesion. The closer the atoms are, together the greater the adhesion, two atoms whirling towards each other like two rollers used to roll iron would of course keep near together, yet their centrifugal force would not allow them to become joined together. Atoms whirling in opposite directions would separate in the ether like a gas.

We can conceive of various states of matter from the way the atoms rotate.

36.

THE SUN AND
OUR EARTH
RADIO ACTIVE!

The sun sends out its radiations. They are invisible until they are degraded by our atmosphere into light and heat.

Our earth sends out radiations to the moon. The sun and earth are not "masses" of fire "but are hollow globes filled with Spirit Water of Life," emanating from "The Golden City" within our earth.

Radium is composed of hollow molecules filled with spirit.

The force from the sun is taken up by the earths and sent by them to satellites and returned to the sun either by a direct current or by a return to spirit or ether. Radium utilizes the ether to cause its radiations.

All radio-activity is from hollow cells or vacuo spaces.

Radio active water sends out "The Water of Life." Heat, the wonderful entity adored by the Egyptians, invents the method and the machine.

The writer has a spring containing a mineral when this water is subjected to heat (boiling) and allowed to cool, (and the more suddenly it is cooled the better the results). The vacuo spaces of spirit or ether are formed and will last for three days.

When this water is drunk on an empty stomach in the morning it goes directly to the liver by the portal veins and by giving heat here makes the nerve cells active and full of "The Water of Life," thus curing all diseases.

Food cooked in this water when it becomes cool is radio-active. Oatmeal boiled in it and used in cold milk, becomes a "Food of Life."

Whether the radio active cells of this water can be precipitated and caused to become permanently radio active or not yet remains to be seen, but we are sure the Life is in this water for three days—plenty long enough for the uses of the body.

37.

THE SECRET
OF LIFE!

The little chapel peacefully resting under the overhanging trees, with the solemn graveyard beside it, tells the story of life's longings and miseries. Yet within the little chapel, however humble, can be learned the secret of life's joy and success and the eternal happiness of the soul!

Life's sentiments are fragrant, space only is fraught with pain!

Spirit fledges space, unlocks the caverns of misery and sheds its light in the gloom.

Man grovels in the dark mid the skulls of despair till he lists to the whisper of spirit. The lisping pines, the rustling oaks, the sunshine in the meadow and the moonlight on the hill speak in accents calm and clear. Our motto:

"SPIRITUS EXCELLO."



Emblem of "Friends of Philosophy."
Colors green and gold.

38.

METCALFE
ON HEAT AS
THE
"PRIME-MOVER"
OF THE
UNIVERSE.

Among the "last, but not least," we refer to the works of Samuel L. Metcalfe, M.D., published in 1859, by J. B. Lippincott & Co., Philadelphia.

While the writer does not agree with the common idea of the doctor that heat is always a substance and not a trans-

mitted motion, yet this is only a technical matter and the abstraction of the doctor applies just as well, and although the title of the works "Metcalfe on Caloric" seems constricted to the laymen it really implies "The Science of the Universe."

The work consists of two volumes and 481 pages, and so rigid has been the materialistic dogmas that these wonderful books are practically unknown.

In the fall of 1902 the writer came into possession of them by accident. In rummaging the dusty shelves of a second hand store he found among many musty books these two well preserved volumes a "Bible of Science," and bought them for 25c. each, but if they could not be replaced he would not sell them for as many thousand dollars as he paid in cents.

One year ago the writer issued three numbers of "The Magazine of Chemistry" which contains much valuable knowledge on science, new thought, spiritualism, alchemy, longevity, food, medicine, etc., and if you would like a set of the magazines simply send your name and a stamp and you will have them sent to you.

But it must be remembered that they contain some ideas which have been improved upon in this latest work, as all science is progressive time changes ideas.

39.

AURAS AND
HALOS.

All substances have a gas on their surfaces more dense than the atmosphere of our earth. This gas may be called a halo, and every halo is different or more or less refined.

This gas is what refracts the sunlight when it passes through a pin hole in a cardboard or metal, and it also gives a ray of sunshine a refraction when it

strikes an edge of a stick or wire, etc. and strikes water. This is illustrated by placing a pail of water in the sunshine with the handle in a position so that it will make a shadow in the bottom of the pail, one side of the shadow will have a blue light and the other a red light or border, or a blue north pole and a red south pole caused by the motions of the molecules of the gas on each different side of the handle of the pail. The motion of the molecules on the upper side throws the rays the same way as the earthly magnetic currents are going, so there is less resistance but on the under side of the handle the molecules of the gas rotate towards the south and throws the ray back or causes a congestion and consequently greater swing or spiral motion to the rays of sunshine—this is "polarity."

The molecules of gas all rotate around in the same way and follow around the handle, but throws a force like a rotating "pin wheel" when burning.

Every person has an aura about their body and depicts their character.

The dark lines of the spectrum depends upon how far apart the molecules of a substance are. They are lines of "absorption" or obstruction when a light passes through a vaporized substance; and places of acting force when the substance itself gives the glow.

The extent or distance of the aura from the body depends upon the shape of the cells of the body. The round cell radiates while the flattened cell has not such a general radiation, the flat cell cannot contain as much spirit as the round one.

As the conditions of the earth are based upon spirit and space so are all human sensations. The voice of the sweet singer gives a sound which flattens an aural nerve cell and drives out the spirit—then the sound eases up and the cells of hearing again expand and

lets in spirit, thus we feel the joy, the contrast. All life is based on contrast, the beauties of the sunset, and the land and the water, affects the optic nerve cells in the same way.

The pressure of the lover's hand differs from the torture of the "thumb screw" or closing vise only in degree.

This worldly life in "this vale of tears" is necessary to serve as a dark background for the light and joy of our future eternal happiness.

If this life does not furnish it or if some past incarnation has not, then the incarnation in the spirit land must furnish it.

Those who realize in their meditations the dark side and avoid crime, can also avoid pain.

The face tells the character of a person as the continued action of a cell shapes the face and body. White is the color of God's favor, it is the least refracted, the furthest from red and black.

The round cells of the tissues make a white tissue when the vacuo spaces are formed; the tissue is positive, the red blood is negative, the true conditions of life.

Jesus and the Virgin Mary are always painted by artists from the descriptions of the early writers, they are of a PINK and WHITE complexion.

Smoking tobacco and opium and the use of stimulants and poisons, gives a sallow complexion and shows disease.

A person's aura may be only a few inches from the body or it may radiate for miles—(telepathy and distant curing of disease). The straight radiation may fledge space by annulling the spiral forces of another person's aura and giving them life.

Jesus even raised the daughter of Jarius after she was dead.

FRIENDS OF PHILOSOPHY



LESSON No. 3.

40.

EMERSON A REMARKABLE POET PHILOSOPHER, { The Essays of Ralph Waldo Emerson are works of philosophy which every one should read. His "Compensation," "The Over Soul" and "Spiritual Laws" especially are wonderful.

He describes intellect as a universal substance taken into the individual from the great spiritual store house and considers memory, etc. as simply the hands of the universal spirit which work for the particular uses of the individuality of the person or being.

The "Over Soul" is the same as "The Sub Conscious Mind" of a being, the spirit in and through a body has all knowledge inherent in itself—it is infinite and each portion of it however small has equal knowledge, intelligence, etc.

The spirit in the interspaces of our body are independent of our own limited mind which is in the brain cells.

The sub conscious mind is the secret of clairvoyance, miracles, etc., it is God. Faith, humility or tolerance is a giving way or complete surrender to the unlimited power of God, then our circumscribed power does not assume power which is limited. A complete relaxation of our own will according to the advice

of Jesus to the suffering being, opens the individual to unlimited joy, power and success.

41.

DIFFERENT FORCES ARE SIMPLY DIFFERENT TURNINGS OF SPIRIT OR "RAYS,"

{ The "turning of the lane," "the winding of the road," are pretty expressions of the poet, and the winding of a ray is a beautiful expression of nature. Scientists give it different names as "polarization," refraction, etc., these terms are seldom understood, at least their real simple nature is not.

A primitive ray is straight and its variation is caused by some media or substance which it passes through as air or water, glass or some transporting matter.

The atoms or molecules of all matter rotate and it seems that the atoms of air, water and glass rotates from left to right or as you face the sun to the south from east to west, thus a ray of invisible force from the sun is twirled from left to right and as it is moving in a spiral after the atoms or molecules have twirled it, it draws itself out of a straight line both locally and also as regards its direction in general, the same as if you

should bend a curled shaving into a large half circle.

If you place a pail of water in the sun and lay a hair on top it will float, but its weight will make a trough or indentation in the water and the rays of sun will strike the sides of the indentation and the whirling molecules of the water will cause the rays to bend or the rays will draw themselves out of line the same as a boomerang, so on both sides of the indentation the rays will turn away from the sides and a shadow will be cast much larger than the hair or indentation and on the edge of the shadow will be seen a border of bright lights, this is a crowding together of many rays of light or all the rays which should be falling where the shadow now is, will be falling in the border.

This is refraction and if it was not for this principle we would have no twilight or no dawn and the change from day to night and night to day would be the same as when you light a lamp or blow it out.

The lovers strolling in the grassy paths could not enjoy the gently falling darkness, the golden and crimson sunset and the sweet and hallowed calmness of the parting day.

The spectrum and magnifying glass bend the rays in instead of out and it would seem that the violet ray is a spiral of a small diameter and that the size of the spiral increases through all the colors to the red as to produce red many more molecules have given a hand and augmented the size of the whirl or "vibration."

Charcoal is black, heat makes it red—when the last few molecules are reached it appears blue and a perfect straight radiation occurs from the vacuo of a spark, WHITE or purity.

The fact that when all the 7 colors of the spectrum are mixed together they produce white, is probably from the fact

that there are enough straight rays to annul the curved rays—that is the violet and ultra violet stop the curves of the red, etc.

42.

WHY ASHES OR
WATER
DO NOT BURN.

Fire is the action of atoms or molecules in separating farther apart, and this is done by a gas called oxygen. To be sure ashes have atoms, but for atoms to whirl apart their motion must be so that they can separate, if the heat causes them to whirl on their axis only, the substance may get red hot but will not burn.

And some substances do not burn because the heat and motion applied whirls the molecules or groups of atoms apart and wastes its motion in that way, water acts this way. If heat rotates the atoms or molecules towards each other it would contract instead of expand. Rubber contracts by heat unless it is so excessive as to cause the molecules to break apart by centrifugal force of the rotation.

When a drop of water is placed on a hot stove it will whirl and keep its globular shape unless something obstructs it, when the molecules will separate in vapor or steam.

Its rotating in a globule exemplifies how the atoms or molecules of ashes or oxides act and do not separate.

43.

TELEPATHY
AND OUTSIDE
INFLUENCES OF
THE MIND.

We have seen that crystals have straight lines of spirit or ether spaces. This is what makes the phenomena of cleavage. Brain cells or nerve cells in oxydizing

produce wastes or mineral salts or crystals in the tissues, this is disease, yet it allows spirit vibrations from outside source to act as the cleavage spaces act as telegraph wires, while colloid or organized non-crystalizable matter as albumen, etc., by not having cleavage spaces does not admit of outside influences.

Mediums are usually diseased persons and miserable persons.

Even in solution crystals retain their crystalline nature, only it is very minute.

A solution of Muriate of Ammonia under the microscope presents a wonderful crystalline appearance.

44.

PHENOMENA OF NERVE FORCE AND CURRENTS OF FORCE.

Nerve force is simply a condensation and rarefaction along the nerve. The nerve substance is first a clod or GEL, then it becomes rarefied or the vacuo cells form. Darwin noticed this process in the fly-catching plant called Drosera. He says, in regard to nerves, "Whenever the peripheral extremity of a nerve is touched or pressed, a sensation is felt. It is believed that an invisible molecular change is sent from one end of the nerve to the other, but when a gland of Drosera is repeatedly touched or gently pressed, we can actually see a molecular change proceeding from the gland down the tentacle. Darwin also noticed that when the impulse passed over the cell it flashed into a milky or cloudy state, its color and nature were changed. A fine precipitate condensed in it and then was rarefied again. He found that chloroform prevented this nerve action (like alcohol), by absorbing the oxygen, and also that potash or minerals prevented it (by saturating the cell with an incombustible substance).

The nerves are formed of cells enclosed in a tube. Each cell is an individual and has a mind of its own. We can see how one cell transmits its influence to another and how mutually dependent is one on the other like human beings.

The phenomenon of nerve force or the intelligence passing along a nerve is from heat and cold or positive and negative and the electric current passing along a wire must be on the same principle, having amperes and volts.

In the battery is zinc and copper or carbon and an acid or chloride in solution. The oxygen of the water unites with the zinc, this heats a zinc molecule, the heat penetrates across the stretch of water. This is positive. There is a cold effect or negative which meets it in the water from the carbon or copper, thus the heated molecules of zinc and water are suddenly chilled by the cold wave and a vacuo cell is formed and many of these invisible cells are formed until the battery becomes "alive." Now if a circuit is closed the same effect takes place in every molecule of copper in the wire or circuit however long it may be. After a time the vacuo cells of the water and zinc in the battery become used up faster than they form, then the battery becomes "dead" and must rest for awhile.

When the current is passing along the copper wire there are really two currents, positive or heat and negative or cold. The positive or ampere heats a molecule, then cold condenses it and a vacuo cell forms. This radiates lines of force in all directions, some go backward on the wire, some go forward, some go upward and some go downward. Thus we get the backward current, the forward current and the lateral currents or magnetism. The radiation makes the volts or pressure and the ampere is the heat—we can get no volts except we have also amperes.

45.

SECRETS OF SILICON. } Moses was a great alchemist; skilled in all the arts and sciences of the Egyptians. The works or writings of Moses are called Books of the Old Testament and not works on alchemy, but tradition tells us that his sister Miriam wrote an extensive work on alchemy - (the Catholic Bible has the name Miriam translated as Mary).

In Genesis (chap. 3 verse 19) we read "till thou return unto the ground, for out of it thou was taken; for dust thou art and unto dust shalt thou return."

Some scientists scoff at the idea of Moses and some scoff at the idea of "Spontaneous Generation" but we can prove that both are true.

Life can be produced from MINERAL ELEMENTS ALONE.

Silicon has always been a source of dispute among chemists in regard to its classification. Some consider it a regular metal, but it is usually called a "hyalogen" or glass former like Boron.

Silicon is never found in its pure metallic state in nature but is in combination with oxygen as is then called by various names as Silica, Silix, Silicic Acid and SAND which is the most abundant of mineral substances.

The most important and useful elements as air, water and sand God gives FREE TO ALL, they are found everywhere.

Sand is at one time a crystalized substance and at another time it may be A COLLOID substance and thus become of the same nature as an "organized substance" as albumen.

Sand is insoluble in pure water but it is dissolved by alkaline solutions. Natural waters which contain alkaline carbonates always have some sand in solution.

Sand from its two fold nature seems to be the bond between death and life

or the solution to the theory of "from dust to life."

Sand when in solution is a colloid.

If 8 or 10 parts of carbonate of soda or potash are mixed with 12 or 15 parts of sand and 1 part of charcoal on being heated they melt and form a mass resembling ordinary glass, but it entirely dissolves in hot water.

If now chlorohydric acid be added to the solution it neutralizes the alkali and the silica or sand separates as A TRANSPARENT JELLY. A colloid! it is "hydrate of silica," but it is now fixed like albumen or an organized substance and is insoluble in water or acid.

If it is kept moist it remains a colloid but by drying it and separating it from its partner water, the colloid making alchemical mysterious WATER the sand turns to dust again—a gritty powder!

At common temperatures carbonic acid is stronger than silica and upon many of the combinations of silica the air acts as a destructive agent, its carbonic acid slowly uniting with bases or alkali and liberating the silica, and at the moment of its liberation the sand is soluble in water.

Sand it will be seen acts both as an acid and combines with an alkali and as a base and combines with acids.

Sand in solution enters the roots of plants and from its transforming nature or transmutation, it performs great wonders in nature, it performs miracles in the animal body and in water itself.

It is the ideal agent for the generation of *vacuo spaces* or life cells, from its being in one state when warm or positive and in another when cold, from its being capable of forming soft cell walls and then concreting around a quantity of ether or spirit upon cooling. It proves itself the "Philosopher's Stone."

Hot and cold or positive and negative and silicon! what a wonderful combination. It explains the mysteries of the universe, radio-activity and life.

A mushroom or a toadstool will form in sand and water. If heat be applied in the dark it will grow and will even lift up flagstones weighing a hundred pounds or crack open concrete 4 inches thick. The cell making curved or spiral force of water with the spirit or radiation or form making union of the two forces does wonders.

Sand is perhaps a transmutation of water.

Quartz Rock the "White Stone," is silica and the writer has by means of an intense heat partly liquified a stone and by a peculiar cooling under pressure transmuted quartz into graphite and graphite into gold or a metallic gilt matter.

When sand and potash or other metallic bases are mixed and melted glass is formed.

When drops of melted glass are dropped into cold water a pear shaped drop is formed called "Ruperts Drops." They appear as ordinary glass but if the point is broken or the surface is scratched they explode with a loud noise, this is bottled up power.

Does silix or silica cause the formation of trees, plants and flowers? is a great question.

Does the same laws of positive and negative which forms the snow flake act in nature?

Does the cooling or negative action of the blood and the fact that the body contains silicon make vital phenomena?

Ella Wheeler Wilcox has recently advocated going barefooted so that the numerous pores on the soles of the feet may become in contact with the "mother earth." Does the presence of silica in the body and the fact that the feet are warm and the earth cold give life?

References have been made in various paragraphs to the "Magazines of Kimistry," these will be sent as per paragraph 38. We also have various other pam-

phlets which are very interesting. There are various theories and ideas in some parts of the pamphlets however, which are now shown to have been the "beginnings of discoveries" so the reader must not become confounded thereby. We are not posing as a target for pessimists and we admit that to all who are looking for "flaws in humanity" they can find them in our works. We want no credit for our labors, nor remuneration for our expenses. We attack no community or sect, but our philosophy hopes to see all people united for the good of all. The laws of the universe are the same for one as for another. Why cannot Jews, Catholics, Bramins, Protestants and all others be in one fold?

Do you ask in what faith I see virtue? I see it in all religions. I am not a Catholic, but if I ever build a church I shall copy the plan of a Catholic Chapel, and if I should wish to secure a preacher, I should prefer a celibate; and if I should profit by the experience of others and wished to institute a successful parish, I should ask directions from a Catholic Priest.

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