



Sympathetic Vibratory Physics

A Newton of the Mind

*The Propellor of
Keely's Airship*

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"My system, in every part and detail, both in the developing of this power and in every branch of its utilization, is based and founded on *sympathetic vibration*. In no other way would it be possible to awaken or develop this force, and equally impossible would it be to operate my engine upon any other principle."

John Keely, 1888

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**A NEWTON OF THE MIND.
THE PROPELLER OF KEELY'S AIR-SHIP DESCRIBED.**

COMPILED BY MRS. BLOOMFIELD MOORE.

(Keely and His Discoveries, 1893)

Error is not forever; hope for right.
Darkness is not the opposite of light,
But only absence-day will follow night. Lowell.

God sends His teachers unto every age,
To every clime and every race of men,
With revelations fitted to their growth. Lowell.

In the progress of the race, man may be likened to a little child that is now beginning to totter alone, just escaped from his leading-strings, but with a future of power and intelligence in his coming manhood past all present computation. JOHN SARTAIN.

Nous marchons tous au milieu de secrets, entourés de mystères. Nous ne savons pas ce qui se passe dans l'atmosphère qui nous entoure; nous ne savons pas quelle relation elle a avec notre esprit. VITOUX.

"All the work of the world," says Drummond, "is merely taking advantage of energies already there." In order to take advantage of these energies, we must not only know of their existence, but know the laws which govern their operation in nature; for so only can we conquer them and make them our slaves instead of our masters.

More than twenty years ago, Keely, by seeming chance, discovered the unknown polar flow, and without giving any attention to research, on the line of its origin or of its operation, began to construct engines to apply the energy to mechanics. It was not until he had invented his marvelous researching instruments that his true work of evolution began in 1888, which, completed in 1893, has now borne the test of demonstration and given him command of a vibratory circuit for running machinery, both for terrestrial use and for aerial navigation.

Before this could be brought about it was necessary to effect a sympathetic affinity between his machinery and the polar flow, *minus magnetism*. The colossal nature of the difficulties that he has surmounted can never be realized as by those who have followed him during the last five years, and seen them spring up one after another, at every advance, to bar his way.

Through this system the dynamo will eventually become a thing of the past, and electric lighting will be conducted by a polar negative disc run by a vibratory circuit of sympathetic polar attraction, "drawn direct from space," which Keely has harnessed for commercial use after more than twenty years of maligned and persistent effort such as the world has never known.

Before attempting to set down any of the great truths of sympathetic physics, it will be necessary for the scientific reader to have some idea of Keely's views of "Nature's sympathetic flows." Although he has substantiated his theories by demonstration to his own satisfaction and to the conviction of distinguished men of science, electricians and engineers, he will welcome any refutation of them which shows that he is in error, for Keely does not claim to be infallible, as do those - who sit in judgment upon him. To quote from his writings:

"Physicists have been working in the wrong direction to lead them to associate themselves with Nature's sympathetic evolutions. It is not necessary to advance farther into the unexplored region of these sympathetic flows than the ninth, to become convinced that the one I denominate the

dominant is the leader toward which the remaining thirds of the triune combination (of triple sympathetic streams) co-ordinate, whether it be the cerebellic, gravital, or magnetic. When we reach the luminiferous track on the ninths, in the triple subdivision, we have proof that the infinite stream, from that unexplored region where all sympathetic streams emanate, is triune in its character, having the dominant as the sympathetic leader, to which the remainder of the celestial thirds are subservient; the cerebellic being the dominant, and the triplets (gravital, electric, and magnetic) following in its train.

"The magnetic cannot lead the electric, nor the electric the gravital, nor the gravital the magnetic. All are subservient to the dominant, ¹ as a train of cars is subservient to the locomotive which pulls it along; the only difference between the two is that one is sympathetic, the other mechanical. Though this is a crude illustration, it conveys a great truth in sympathetic philosophy. All sympathetic flows have this triune condition associated with them, the same as the molecular, atomic and etheric aggregations of all forms of visible matter; the compound etheric, or dominant, being the leader and yet one of the constituents of the molecule itself. The dominant we may call the etheric portion of the molecule; the harmonic, the atomic; and the enharmonic, the molecule itself. The dominant parts of the triune combination of the sympathetic streams are the leaders, toward which all co-ordinate to make up the sympathetic terrestrial envelope of the earth; the cerebral being the high dominant, or compound etheric, the luminiferous proper.

"All diversions from the polar terrestrial envelope are but nodal outreaches, induced by the proper order of sympathetic vibration; not dissociations and associations of sympathy; but operating on the same principle as the outflow, or nodal outreach of the mental organism toward the physical, in its control over it. The latent conditions are in a state of neutrality, as regards action, until the exciter-mental outreach is brought into sympathetic play. If we dissociate the sympathetic mental from the latent physical, it would be equivalent to beheading it; consequently, the physical would cease to exist as a thing of life; but the dominant -the cerebral would remain in its unchanged form, viz., the high etheric.

"The system of inducing differential harmonies by compound chords is one that the world of science has never recognized; simply because the struggles of physicists, combating with the solution of the conditions governing the fourth order of matter, have been in a direction antagonistic to the right one. By this I mean that physicists reject the true conditions of the dissociation of matter; recognizing and holding fast to an adverse law; debarring the subdivision of the atom, and ridiculing the existence of latent force in intermolecular space. I have substantiated the triple formation of the molecule by the differential triple reply that it gives when excited by compound concordant impulses, and by the accelerated range of motion which it assumes under intensified vibration, even to dissociation from its fellows; proving this dissociation by the increased amounts of latent energy evolved, progressively."

At an early period of Keely's researches, on the lines suggested by the distinguished professor of the Bonn University, Dr. Hertz, viz., of the conditions governing the operation in nature of the unknown energy he was dealing with, Keely wrote to a friend:

"It appears, in my researching experiments, quite evident to me, that under different orders of progressive vibration, when the sixth order is reached on the positive, a condition presents itself in an accompanying agent that adds to the etheric flow a very peculiar action. I call this third agent its sympathetic attendant.

"In the physical organism, the circulatory forces have their attendants in the form of nerves, which are the sensory telegraphs to all parts of the human system. I have reason to believe that under the seventh subdivision of matter a condition is reached where perfect assimilation takes place between these two sympathetics, thus showing the luminiferous track. It is this assimilation

or association that induces the luminosity, I am quite certain; but in this union there is nothing approaching corpuscular friction, which in itself is antagonistic to luminosity.

"Consequently the union of these sympathetic thirds must take place by gravital assimilation, which is the highest order of sympathetic union. *This is the compound etheric flow, or soul of matter. The sympathetic attendant must be the odyllic; or, comparatively speaking, its nerve force.* Reichenbach exercises a wonderfully far-seeing judgment in his argument on this, the highest preponderable.

"If I am able, with the instrument I am now constructing, to demonstrate these assertions as truths, it will amply repay the researches of a lifetime. The conditions governing the nerve-force of the planetary system may then be unraveled by future research. This seems to be too immense an aim to be associated with human thought.

"I hope I am the 'compound lunatic' that the scientific world calls me, to whom it is given to work out the demonstration of these 'hidden things of God' which hitherto have seemed to be past finding out. They may call me I 'Cagliostro,' 'Impostor,' 'Charlatan,' or anything that pleases them; I shall glory in these names, if I can reach the solution of this vast problem that I am now at work upon. I thank God the time is near at hand when I will be able to prove how faithfully accurate is the new philosophy in showing up the conditions governing the sympathetic field."

By progressive research Keely has, since that time, attained such perfection in his method of work that the vitalizing of instruments, which formerly took him three days, is now accomplished in fifteen minutes, using hydrogen in increasing molecular oscillation to the point where the power can be registered. Up to a certain stage he was able to employ the ether; but in this process it would be as impossible, as it is to take the flow of thought in one's hands and by physical effort tie it in a knot. Having, in these researches, succeeded in wresting from Nature the conditions of planetary suspension, he is now well on his way toward gaining the closely guarded secret of the firefly. All that Nature does with Nature's forces man will be able to do when he has wrung from her grasp, one by one, the keys that she still clenches in her hands; for it is Nature herself, not Science, which has given to the world, in this system of aerial navigation, "the crowning achievement of a century of progress."

Keely has never made but one experiment in dissociating the hydrogen of the chemist. After a persistent effort of over seven weeks' duration, in his attempt to confine it and hold it under assimilation with one-third its volume of disintegrated air, he succeeded in obtaining a rather indefinite result, lasting only about ninety seconds. The luminosity shown was the only evidence he had of its dissociation; but, in his process of disintegration of water, he never fails to obtain proof of the triple subdivision of hydrogen - molecular, atomic and inter-atomic.

Each disc of the polar and depolar groupings in the propeller of the air-ship contains seven pints of hydrogen. In preparing these discs, the hydrogen is submitted to a triple order of vibration. The corpuscular envelopes of the molecules are not enlarged in volume, under their receptive condition, but their velocity of rotation is increased. While under the operation of this transmissive vibration their vortex action is made visible.

Under date of November 2, 1891, Keely wrote of one of his researching instruments which he was then inventing, to overcome nodal interference in sympathetic negative outreach: "This instrument combines the disintegrator and the positive-negative-indicator in one. It will be but an intermediate, as between the sympathetic negative transmitter and the depolarizer. At present, I am working like a man suspended between heaven and earth, trying to reach one without leaving the other."

This is one of Keely's many apt figures of speech, which convey, as no other words could, what his position has been in the past. The wonderful instrument (the sympathetic harness) which he has now completed to connect the polar flow with the propeller of the air-ship, substantiates what only two years ago was purely theoretical in Keely's system of sympathetic-vibratory physics; and, figuratively speaking, proves that without leaving earth he has laid hold of the very battlements of celestial regions, thus opening a pathway for men of science to reach the solution of their most intricate problems. Often has Keely expressed his regret that mechanical physicists have not had suitable instruments for their researches, saying that they would long since have discovered their errors had they been in possession of proper instruments for acoustic research. It was some photographs of his instruments which led the late Henri Hertz, after examining them, to say in 1889:

"No man who is working on these lines, with such instruments, is a fraud. I cannot help him; no one can help him; he must work out his system alone, and when it is completed, we can pursue our researches on the same line. I thought Keely was working, as I am, with an electrical machine and wires. I had no idea of these wonderful instruments."

The machine used by Keely, from 1872 to 1882, for disintegrating water, weighed several tons. Since that time, in his work of evolution, he has made such advances that the one he now uses is no larger than the wheel of a perambulator.

In Keely's process of disintegrating water, the proportion of oxygen to hydrogen is such as to favor the bringing about, under a certain order of triple vibration, the antagonistic differentiation necessary to produce molecular and atomic corpuscular dissociation. When this dissociation takes place, the hydrogen becomes highly rotating, acting like a molecular capsule with the oxygen enclosed. While under this condition, when confined in a tube, they remain dissociated until the peripheral rotation of the hydrogen is interfered with.

One of the foundation stones of vibratory physics is that "no differentiation can exist in the workings of the pure law of harmony." If this be correct, then all so-called elements have a triple basis, as vibratory physics teaches, for the system that represents harmony in one sense must represent it in all, or everything would be brought into "chaotic confusion." Therefore, as Keely surmised, long before he was able to prove it to his own satisfaction, hydrogen must, under the conditions of this law, be composed of three elements; and these three elements in turn must each have a triple formation, and so on indefinitely, until verged into the infinite inter-luminous.

The correctness of these hypotheses has been proved by the varying degrees of energy evolved in progressive disintegration from the molecular to the introductory etheric. Keely writes:

"The nearer the approach to the neutral centres, when the dissociation takes place, the greater is the latent force evolved. In molecular dissociation the instrument is set on the thirds, meeting with a rotating resistance of five thousand pounds per square inch, without any interference with the inter-molecular position. The instrument is set on the sixths, to liberate inter-molecular latent force, which, when liberated, is equal to a resistance of ten thousand pounds. To reach the atomic centres, the instrument is set on the ninths dominant, the sixths harmonic, and the thirds enharmonic, having the transmittive chord B associated with each. At this setting the corpuscular percussion exceeds twenty-five thousand pounds per square inch. The subservience to the coordinate sympathy is shown in the result by a pressure exceeding fifteen thousand pounds, reaching, in this subdivision, almost as near the neutrals as instruments can carry us. The atomic and inter-atomic settings constitute the introductory conditions governing the nodal outreach as toward the etheric. Under this condition of sympathetic vibration an evolution of energy is registered far exceeding any heretofore liberated. The region of the inaudible is reached - the introductory etheric and the first features of the invisible latent force existing in corpuscular embrace

have been handled.

“We must put our shoes from off our feet-*i. e.*, lay aside our earthly bodies before we can go farther. But this is far enough to prove that nothing is lost, and that, when this repellent order of things is brought about, and so-called elements are separated, these elements yield up, in their molecular separation, what may be called their souls, or more progressive elements.

“We have gone far enough to find that there is no such thing as death; that matter cannot die, any more than the substance or spiritual essence which controls it can die. The word death is a misnomer, for there is only a change of base in the molecular visible, and it is the same with the sympathetic invisible, for celestial radiation claims her own back again to its realm of spiritual existence.

“‘My own dim life should teach me this,
That life shall live for evermore;
Else earth is darkness at the core,
And dust and ashes all that is.’

“It is through the action of nature's sympathetic forces that planets are born and their volume of matter augmented. If the sympathetic, negative polar stream were cut off from the earth, its molecular mass would become independent, and would float away into space as would a soap-bubble filled with warm air. The same conditions of governing rule exist in the planetary masses as between the mental and physical forces in our organisms; the organism representing the earth, and its link with the cerebral centres the connection with the infinite mind. In other words, the latent energy existing in the neutral depths of matter, visible or invisible, remains eternally subservient and unchangeably linked to the eternal mind. True science is bastardized by intimating that the life in matter can be destroyed by any intensity of thermal negation (frigidity). Can finite man make use of an infinite element to neutralize infinity? Thermal negation causes molecular oscillation to diminish, or even seem to cease, but the results brought about from this superficial appearance of matter coming to rest are that the latent energy existing in the molecular zone is transferred to the intermolecular, increasing the oscillations of the inter-molecular in the same ratio that the molecular is diminished. All the art that man can employ to induce the same effect on the inter-molecular zone ends here. Granting, however, that it were possible, what would ensue?

"A disintegration, of the most intense explosive character, of the volume experimented upon, destroying the apparatus and its surroundings. But no artifice of the physicist could ever produce such conditions. In the disintegration of water by vibratory changes of atmospheric base (a triple order of sympathetic vibration, molecular, inter-molecular, and atomic simultaneously projected) the inter-molecular depths only are interfered with, the result being that latent energy is liberated, showing a pressure of 2,000 atmospheres, when barometric conditions are favorable.

“The physical organism (through the medium of celestial radiation) is a trinity, both in regard to its visible form and the invisible sympathetic streams which govern it, in its individual and combined movements. The visible includes the molecular, the atomic and inter-atomic in combination; while the invisible, or spiritual, includes the etheric, interetheric and luminous in combination, each of which is essential to the proper completion of the combined action, comprising as it does every minute law governing the celestial and terrestrial universe.

"Life begets life; the celestial life begets the terrestrial life; the God-life begets the man-life. Celestial radiation is the pure soul of all matter, both earthy and gaseous. Thus we are linked in all our environments to the divine, our cerebral aggregations being the highest medium whereby celestial sympathetic reflection associates with our organisms, and is our only source of knowledge of ourselves. We have, with our mental and physical forces, a duality of action which, when

combined with the celestial, makes up the triplet or trinity. With the mental, the superficial visible, or outward sight; with the inward, or spiritual invisible, we have the spiritual link connecting mind and matter, the order of transfer being:

"*First.*—Celestial radiation, or etheric.

"*Second.*—Mental impregnation, or inter-atomic.

"*Third.*—Physical movements, or inter-molecular.

“Or again:

"*Ninths.*—Sympathetic transfer from the celestial luminous.

"*Sixths.*—Sympathetic impregnation of matter.

"*Thirds.*—Physical movements."

Thus the following question is answered, asked by Oliver Lodge (even though, with the professor's knowledge, the answer seems to be but “arrant gibberish ” to him):

"By what means is force exerted, and what definitely is force? Here is something not provided for in the orthodox scheme of physics. Modern physics is not complete, and a line of possible advance lies in this direction."

Vibratory physics has here reached the boundary line dividing the infinite from the finite, the link between mind and matter. Here we must pause; but it has taught us that it is only in the supreme conditions of celestial reflection or sympathetic transfer that we live, move, and have our being; through which every thought, or flow of the mental, actuates the physical organism, on the same order that an illuminated centre radiates and lights up its surroundings.

Mr. J. Townshend in his paper “The Planet Venus,” read at Leeds, in April, asks:

"Are hydrogen, nitrogen, helium, etc., really elemental substances, or are they evolved from ether? If so, what is ether? Whence the impulse which operates upon it, and what is its nature? Thus we turn from effect to cause in search of some first principle upon which the mind can rest. But ere this the light of science has failed us, for who by (scientific) searching can find out God?"

Sympathetic vibratory or spiritual physics answers these questions, and, as has been said, promises to burst upon the searchers after truth as the one mighty and complete revelation of some of the mysteries of creation.

“Science was faith once; faith were science now
Would she but lay her bow and arrow by
And arm her with the weapons of her time."

"And God breathed into man the breath of life," *celestial radiation*, " and man became a living soul."

The cause of the effect, the source or fountain-head of all matter, is the celestial Mind-Deity, from whom all power emanates, and whose laws of sympathetic association reign over and control all matter and all substance. Spirit is substance, as Spinoza taught: "The universe is one.

There is no supernatural; all is related, cause and sequence."

"Like fire, which is a spiritual order of vibration, spirit is latent in all matter. One might as well try to operate a steam-engine without its boiler as to give motion to matter against the conditions imposed by nature, or to propose a new method of controlling the action of our physical organisms (other than through the sympathetic transfer of our mental forces) as an improvement on the one instituted by the Almighty.

"Although there is as much difference in the molecular construction of spirit and matter as there is between hydrogen and forged steel, yet the flow of spiritual radiation, from the fountain-head of force, operates under the one unvarying law with both; for "nature never changes her processes," and she cannot be forced into any position which is antagonistic to her sympathetic law of action; such, for instance, as it would be were a gas to be solidified. The disintegration of water by heat is only a low order of crude molecular dissociation, visible in its production of steam; but the dissociation of hydrogen and oxygen cannot be made visible. Physicists are misled by visible effects. Nature, by her process of sympathetic vibration (an order approaching the luminiferous) could take up the atmosphere that encircles our globe, and yet solid matter would not even then be produced. By another order of progressive sympathetic vibration, associated with the high luminous, the molecular condition of the atmosphere so taken up would not represent a cherry-stone in volume."

Nothing, exists but substance and its modes of motion, says Spinoza; thus teaching that spirit is substance. "Soul is the body or organ of the mind, and as such they are inseparable forever. Mind and soul are one, soul and body are two. Soul can never be without mind, body can. As in the mortal life, so in the immortal life, mind cannot be or act without a body." Sympathetic physics teaches that the luminiferous ether, a compound inter-etheric element, celestial mind force, is the substance of which everything visible is composed, and that this great sympathetic protoplasmic element is life itself.

"Consequently, our physical organisms are composed of this element; the focalizing or controlling media to the physical having its seat in the cerebral convolutions from which sympathetic radiation emanates. This sympathetic outreach is mind-flow proper, or will-force; sympathetic polarization to produce action, sympathetic depolarization to neutralize it. Polar and depolar differentiation resulting in motion. This element sympathetically permeates all forms and conditions of matter, having for its attendants gravity, electricity, and magnetism, the triple conditions borne in itself. From this '*soul of matter*' all forms of motion receive their introductory impulses. The physicists of the present age ignore the sympathetic conditions that are associated with the governing force of the cerebral and the muscular organism. The evolution of a volition, the infinite exciter, arouses the latent energy of the physical organism to do its work; differential orders of brain-force acting against each other under dual conditions. If there were no latent energy, to arouse sympathetically, there would be no action in the physical frame, as all force is will-force.

"Enough alternate active energy could be evolved, in a cubic inch of steel, by the proper sympathetic exciter, to do the work of a horse, by its sympathetic association with the polar force in alternate polarization and depolarization. This is the power that I am now getting under control to do commercial work. In other words, I am making a sympathetic harness for the polar terrestrial force." KEELY, 1892.

In 1893, Keely, in reply to the question, "What do you include in the polar forces?" answered, "Magnetism, electricity, and gravital sympathy; each stream of force composed of three currents which make up the governing conditions of the controlling medium of the universe. The ninth which I am now endeavoring to graduate to a sympathetic mechanical combination will, if I succeed, close my researches in sympathetic physics, and complete my system." Within the year the

announcement was made that Keely had completed this graduation, with entire mechanical success, "hooking his machinery on to the machinery of nature." In thus having realized the ambition of his life, he takes no credit to himself, saying that physicists would long since have discovered all that he has discovered if they had been in possession of the proper researching instruments, and that the theories they have advanced show that they are misled by the imperfections of their instruments. He has always maintained that "it is only when science holds the reins of the polar negative harness that commercial success will follow, and not one hour before." But science, to whom the reins were offered in 1884, refused to take them, fortunately, for mechanical physics could have rendered Keely no assistance in unraveling the mysteries of sympathetic physics.

Buckle, in his address, "The Influence of Women on the Progress of Knowledge," discloses the foundation stone of sympathetic physics in these words: "The laws of nature have their sole seat, origin, and function, in the human mind. Not one single discovery has ever been made which has been connected with the laws of the mind that made it. Until this Connection is ascertained, our knowledge has no sure basis."

As Dr. Gerard surmises, in his book on "Nervous Force,"

Keely is "a plagiarist in cerebral dynamics." The instrument that he calls the sympathetic transmitter is the brain of the propeller, and at last we have a discovery which gives a sure basis for knowledge; a discovery made by one who lays no claims to learning, for nature has taught him, in her works, all that he knows.

THE PROPELLER DESCRIBED.

The space which the propeller of the air-ship occupies in Keely's laboratory comes within a radius of six feet square. A small space for so powerful a medium--distributing over one thousand horse-power, as tested by experiment.

It consists of more than two thousand pieces, the principal parts of which are:

1. Positive graduating Chladna; guiding by polar action toward the north and reversing by depolar action.
2. Sympathetic polar negative transmitter; for operating and controlling the action of the machinery in producing polar and depolar power: liberating the latent sympathetic power in twenty-seven sensitized discs.
3. Polar and depolar intermittent accumulator, carrying eight focalizing discs for receiving and distributing the sympathetic polar negative flow. This device takes the energy sympathetically from the polar negative stream on the same order that a dynamo registers electricity from the earth to be distributed and redistributed: running the machine sympathetically.
4. Positive ring suspended on a small shaft with three points, the object of which is to preserve the integrity of the neutral (see Appendix) centre of the machine.
5. Two resonating drums: one positive, one negative, which multiply the intensity of the sympathetic flow.
6. Twenty-seven depolar triple groupings, nine in each grouping, consisting of three vitalized discs with resonators. These reply sympathetically to polar and depolar action.

7. Large polar ring. This ring is associated with the central resonators by nine resonating polar discs placed at equal distances. This is the medium for distributing the polar flow.

8. Small negative ring, which is the governor of the propeller, associated with a polar bar that oscillates from the polar field to the depolar field, somewhat on the order of a magnetic needle, governing the action of the machine to any given number of revolutions. The sympathetic rotation that exists in the resonating centre of this ring holds the neutral centre in subservience to celestial radiation, whereby a certain order of sympathetic disturbances gives the sympathetic radiation the requisite power to draw it to itself, accomplishing what is called atmospheric suspension on the same principle as that of sympathetic suspension.

The condition of the mechanical requirements necessary to conduct successfully the line of research which Keely has been pursuing will be properly appreciated, now that he is able to demonstrate the simplicity and beauty of his system, under perfect control for commercial use.

Modern materialistic science is altogether unprepared for the revelation given in sympathetic vibratory physics; a revelation foreshadowed in this passage from the writings of de Maistre.

"Religion and science, in virtue of their natural affinity, will meet in the brain of some one man of genius, and the world will get what it needs and cries for – not a new religion, but the fuller revelation of revelation."

In the same prophetic spirit Oliver Lodge, in his paper on "The Interstellar Ether," writes:

"I feel as if it would be no merely material prospect that will be opening on our view, but some glimpse into a region of the universe which science has never yet entered, which has been sought from afar, and perhaps blindly apprehended by painter or poet, by philosopher or saint."

"The ghost in man, the ghost that once was man,
But cannot wholly free itself from man,
Are calling to each other through a dawn
Stranger than earth has ever seen: the veil
Is rending, and the voices of the day
Are heard across the voices of the dark."

APPENDIX.

Mr. Keely illustrates his idea of "*a neutral centre*" in this way: "We will imagine that, after an accumulation of a planet of any diameter—say, twenty thousand miles, more or less, for the size has nothing to do with the problem there should be a displacement of all the material, with the exception of a crust five thousand miles thick, leaving an intervening void between this crust and a centre of the size of an ordinary billiard ball, it would then require a force as great to move this small central mass as it would to move the shell of five thousand miles thickness. Moreover, this small central mass would carry the load of this crust forever, keeping it equidistant; and there could be no opposing power, however great, that could bring them together. The imagination staggers in contemplating the immense load which bears upon this point of centre where weight ceases. This is what we understand by a neutral centre."

In theorizing on the philosophy of planetary suspension, Mr. Keely says: "As regards planetary volume, we would ask in a scientific point of view, how can the immense difference of volume in the planets exist without disorganizing the harmonious action that has always characterized them? I can only answer this question properly by entering into a progressive synthesis, starting on the rotating etheric centres that were fixed by the Creator with their attractive or accumulative power. If you ask what power it is that gives to each etheric atom its inconceivable velocity of

rotation, or introductory impulse, I must answer that no finite mind will ever be able to conceive what it is. The accumulation is the only proof that such a power has been given. The area, if we can so speak of such an atom, presents to the attractive or magnetic, the elective or propulsive, all the receptive force and all the antagonistic force that characterizes a planet of the largest magnitude; consequently, as the accumulation goes on, the perfect equation remains the same. When this minute centre has once been fixed, the power to rend it from its position would necessarily have to be as great as to displace the most immense planet that exists. When this atomic neutral centre is displaced, the planet must go with it. The neutral centre carries the full load of any accumulation from the start, and remains the same, balanced in the eternal space."

Again, Mr. Keely, in explanation of the working of his engine, says: " In the conception of any machine heretofore constructed, the medium for inducing a neutral centre has never been found. If it had, the difficulties of perpetual motion seekers would have ended, and this problem would have become an established and operating fact. It would only require an introductory impulse of a few pounds, on such a device, to cause it to run for centuries. In the conception of my vibratory machine, I did not seek to attain perpetual motion; but a circuit is formed that actually has a neutral centre, which is in a condition to be vivified by the other, and while under operation by said substance is really a machine that is virtually independent of the mass (or globe), and it is the wonderful velocity of the vibratory circuit which makes it so. Still, with all its perfection, it requires to be fed with the ether to make it an independent motor. . . ."

FOOTNOTES

1 The mental flow is dominant over all the sympathetic conditions associated with the physical organism. The nervous flow comes under the order of the sub-dominant; consequently there is no sympathetic correlation between the two.

Example: The body of a violin represents the mental, or resonator, while the strings by which it is attuned represent the nervous, or nerves. The strings or nerves, can be brought to a tension whereby they are broken apart, but the violin, or resonator, remains intact and dominantly independent under all these conditions.