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MAGNETISM AND ELECTRICITY. GENERATION OF ELECTRIC CURRENT

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Key words:

Magnetism, magnetic stream, electric current, electric potential, ether, elonosphere, elon gas, electron, electronic cloud.

The Summary

Magnetic phenomena exist due to the fluidity of ether, particularly to streams of elon gas and its turbulence. Magnetic streams are nothing but elon gas currents or in other words those of ether. Fluidity of ether is provided by the mobility of baryon matter, particularly of electrons and yet more particularly by the mobility of electrons in electronic cloud off the surface of metallic conductor. Interaction between magnetic streams and mobility of baryon matter e.g. electrons is accompanied by exchange between their kinetic energies. Electric current in metallic conductor is transfer along there of electronic cloud rotational energy. Direct electric current is characterized by the electronic cloud stable rotation direction; intermittent electric current is characterized by its changeability. Magnetic field is created around electric current conductor due to the electronic cloud rotation transmits itself to the neighboring ether, therefore initiating its rotation with the electronic cloud. Thanks to such initiation electrons and elons rotate around the conductor together. If to place a metallic conductor across a magnetic stream, its electronic cloud would deform in such a way that a part of its electrons would displace from frontal and lateral relative to the stream's direction to its rear conductor surface areas. As a result of such deformation the electronic cloud cross section form would change from strict annual to asymmetric with thinning in the frontal and thickening (bladder) in the rear areas. If to get move a p.8 conductor across the magnetic stream, the countering ether would keep decline the electronic cloud bladder to the direction opposite to that of the conductor movement, the electrons of such bladder running to rear and further to frontal areas. To the places previously occupied by the run out electrons would run electrons from frontal areas, which would again run away to rear and frontal areas etc., etc. Thus there would install itself the rotation of electrons providing the electric current.

Some of the most controversial branch of modern physics is the study of magnetism or electromagnetism that eventually means finding out and determining relations between electric and magnetic phenomena. From the point of view of mathematics in the said branch the science has long ago achieved significant successes would it take for example the famous equations of Clerk Maxwell, although from my point of view mathematical achievements could not explain the physical nature of phenomena, which would be more expedient to explain using physical analogies.

In the proposed work in order to explain magnetic phenomena are used events occurring in ether that by my conviction is omnipresent and existing in form of gas. Electromagnetic phenomena are in my opinion products of interaction of ether (elonosphere) and electronosphere composed with free physically separated electrons, united by forces of Facio to a kind of gaseous clouds embracing atomic molecular structures [1].

In my works [2,3] it was noted that metallic conductors of electric current unlike dielectrics have above their external surfaces free electrons that form kind of electronic clouds that are conductors of electric current. Fig.1 represents the cross section of an immobile metallic conductor1 surrounded with an adjacent to its surface cloud of electrons 2.

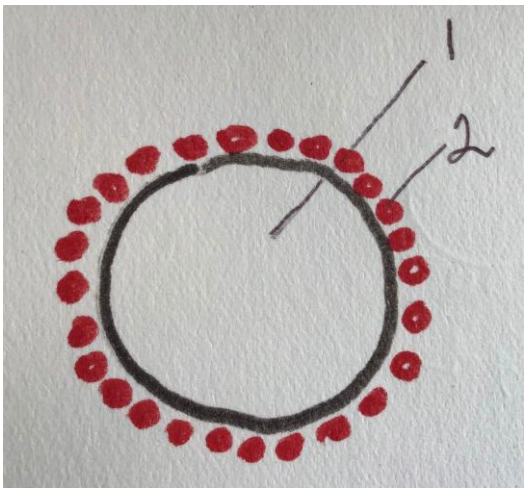

Fig.1

Contrary to predominant in modern physics views the said works affirmed that electric current particularly that occurring in metallic conductor is not a transmission along and through it of electric charges particularly electrons, but rather of the kinetic energy they acquire in the source of such current; whereas the value of such energy makes its electric potential. Later on similarly to spreading of heat electrons of the source would spread their energy to the electrons of the neighboring areas of the conductor's surface, whereas the late - to electrons of their neighboring, and so on until the initial energy would be more or less exhausted. Energy of electrons of a surface area, divided by its length will make its electric potential, while the difference between the potentials of two points along the conductor will make electric tension between these points. Erroneous In these works was the idea that the motion of electrons provoking electric current was qualified there as chaotic, which could not explain some of its properties particularly the possibility of provoking chaotic motion of electrons while generating electric current with mechanical means, and the nature of alternating current.

Further thinking brought me the idea that motion of generating electric current electron cloud has to be rotational around the conductor longitudinal ax. This makes it possible to explain generation of electric current with generators' rotors rotation as well as nature of alternating current that as I see must be in alteration of electron cloud rotation direction.

The simplest example of interaction of electronosphere with magnetosphere that I associate with elonosphere is the long ago known fact of the existence of magnetic field around conductor of electric current. The simplest example of interaction between electronosphere and magnetosphere that I associate with elonosphere is the long ago known fact of magnetic field existence around conductor of electric current. It's only easy to imagine that rotational motion of the electronic cloud adjacent the

conductor's surface would cause the rotation of the adjoined to that surface ether, and in the rotational motion of ether one would recognize features of magnetic field.

Fig.2 imagines a cross section of an immobile metallic conductor 1 placed in a magnetic field i.e. stream 3 of elons flowing from the south pole S to north pole N of a stationary magnet 4. As one can see from the drawing the magnetic stream 3 as if blowing off electrons from the frontal (looking to the pole S) and lateral surfaces of the conductor at least a part of electrons forming at its rear surface a kind of bladder 5.

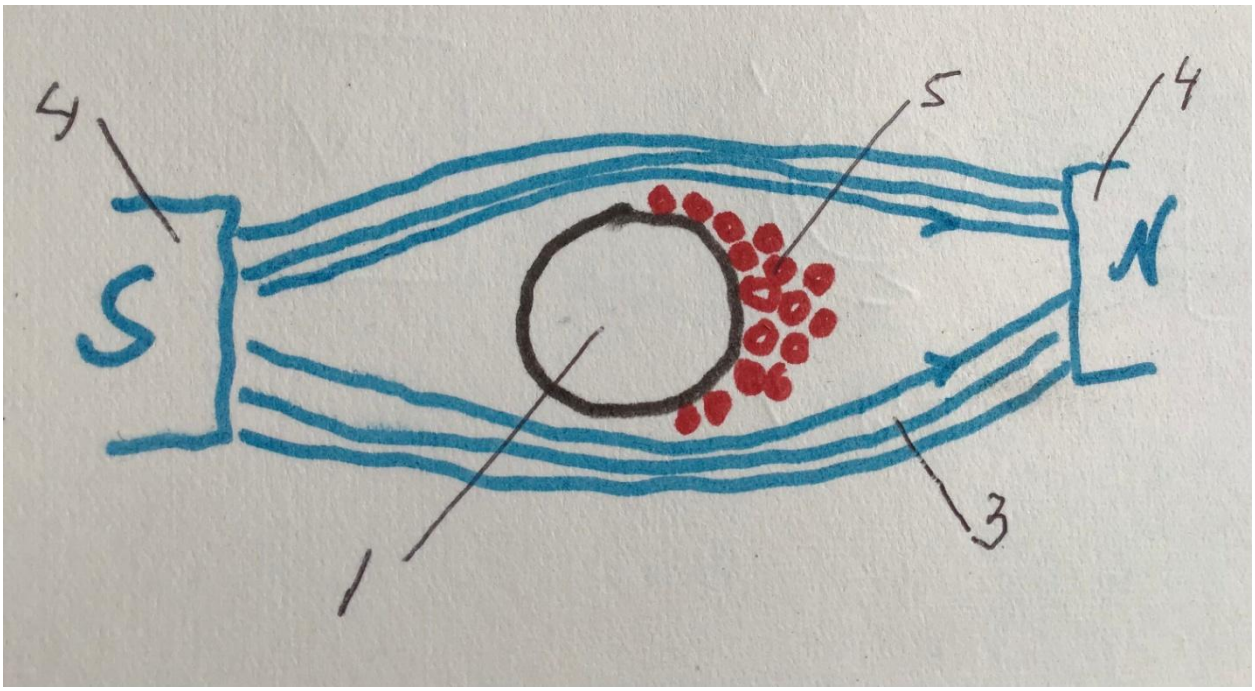

Fig.2

Fig.3 imagines the same positioning as at fig.2 but here never the less the conductor 1 is set in motion upward relatively to the plane of drawing i.e. perpendicularly to the magnetic stream 3. The motion of the conductor 1 together with the adjacent to it blabber 5 encounter resistance of the elonosphere, the one which tears off the blabber 5 its protruding part that having turned around the conductor occupies again the previously abandoned place in the protrusion. The protrusion tears off again, turns around again etc., etc. Thus until there lasts the said conductor's motion there will last in its superficial cloud the rotation of electrons, the rotation that will acquire a certain energy that will be transmitted to the neighboring cloud's areas, and such a transmission of energy is electric current.

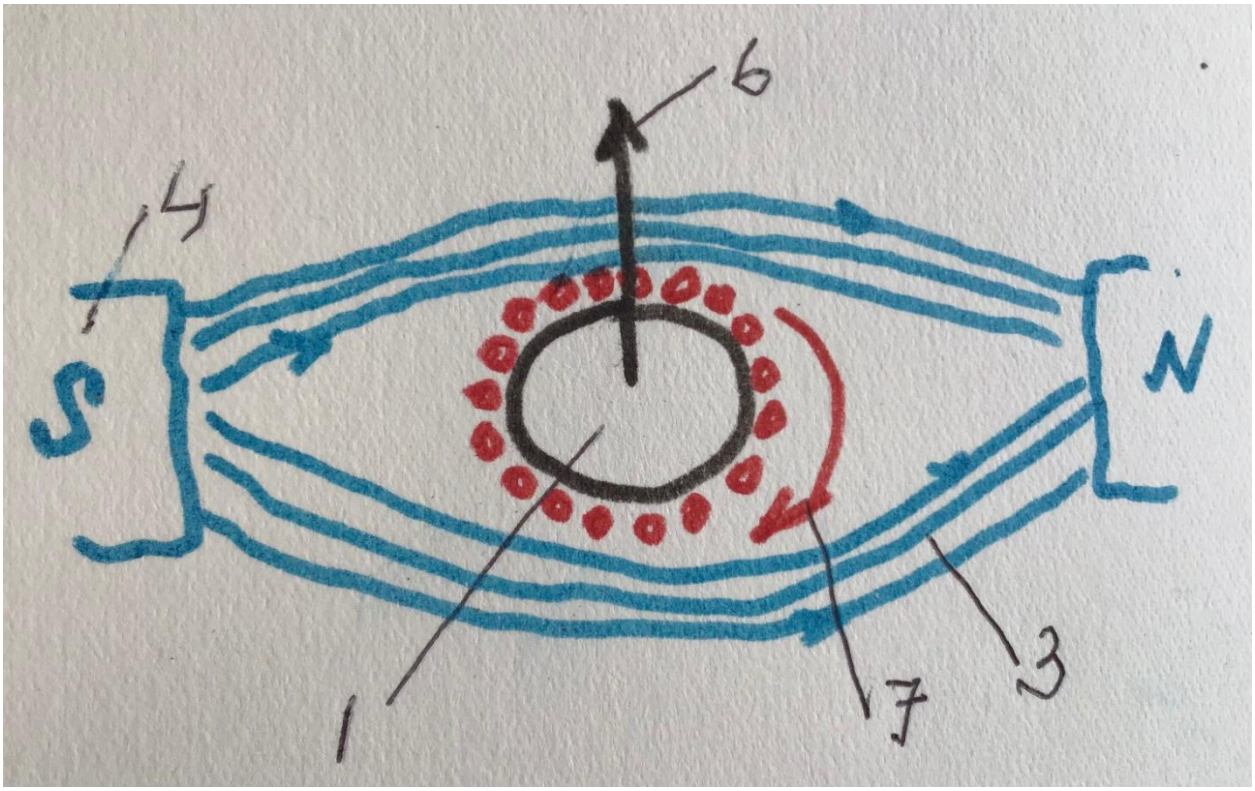

Fig.3

Conclusions:

1) Magnetic phenomena exist due to the fluidity of ether, particularly to streams of elon gas and its turbulence;
2) Magnetic streams are nothing but elon gas currents or in other words those of ether;
3) Fluidity of ether is provided by the mobility of baryon matter, particularly of electrons and yet more particularly by the mobility of electrons in electronic cloud off the surface of metallic conductor;
4) Interaction between magnetic streams and mobility of baryon matter e.g. electrons is accompanied by exchange between their kinetic energies;
5) Electric current in metallic conductor is transfer along there of electronic cloud rotational energy;
6) Direct electric current is characterized by the electronic cloud stable rotation direction; intermittent electric current is characterized by its changeability;
7) Magnetic field is created around electric current conductor due to the electronic cloud rotation transmits itself to the neighboring ether, therefore initiating its rotation with the electronic cloud. Thanks to such initiation electrons and elons rotate around the conductor together;
8) If to place a metallic conductor across a magnetic stream, its electronic cloud would deform in such a way that a part of its electrons would displace from frontal and lateral relative to the stream's direction to its rear conductor surface areas. As a result of such deformation the electronic cloud cross section form would change from strict annual to asymmetric with thinning in the frontal and thickening (bladder) in the rear areas;
9) If to get move a p.8 conductor across the magnetic stream, the countering ether would keep decline the electronic cloud bladder to the direction opposite to that of the conductor

movement, the electrons of such bladder running to rear and further to frontal areas. To the places previously occupied by the run out electrons would run electrons from frontal areas, which would again run away to rear and frontal areas etc., etc. Thus there would install itself the rotation of electrons providing the electric current.

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