

## UNCLASSIFIED

**Method III** -- Movement of an electrically charged object by means of its own transparency to the Earth's magnetic field.

A suitably charged body moving from east to west, or a positively charged body moving from West to east will experience an upward force due to the Earth's magnetic field.

A sphere 10 meters in diameter moving at a speed of one kilometer/second would experience an upward force of one pound at the equator if charged to a potential of  $3 \times 10^{12}$  volts. This is obviously ridiculous.

**Section 2** -- The earth gravity shield.

It had been suggested, by various writers, perhaps first by H. S. G. O. in 1911, that it might be possible to construct a shield of artificial satellites (or) from the influence of gravity. Such an object would then float. Recently, it was appeared in the press a notice that a prominent economist has offered to support research on such an enterprise.

Obviously, construction of a gravity shield that considerable energy be used to support the object in order to place it on the shield. However, this amount of energy is in no way prohibitive, and furthermore it can be gotten back when the object lands.

Aside from the fact that we have no suggestions as to how such a shield is to be built, the various theories of general relativity all agree in assuming that gravitational force and force due to acceleration are indistinguishable, and from this assumption, the theories predict effects which are in fact observed. The assumption, therefore, is probably correct, and a possibility of it is essentially that only by means of an acceleration can gravity be counteracted. This, we can successfully do for instance by using an artificial satellite, but this presumably is not what has been observed.

**Summary** -- PART I B, Section 2

Several possibilities of supporting or propelling a solid object have been considered, all are inoperative. The floating lands evidence to the tentative proposed assumption of Part II, that the objects are supported and propelled by some normal means, or else that they are not solids. No discussion of the type of Part II, Section 3, can, in principle, of course, be complete.

**Section 3** -- Possible causes for the evidence.

**Classification I** -- Natural terrestrial phenomena

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