For the Torch of Reason

Note on Motions.

BY G. W. MOREHOUSE.

ment requires frequent readjust- debts, etc." ment upon the object. The begintion, as with everything else, we arrive at understanding by comparison. Everything is relative.

through the water under high mirequires a calculation to enable us to understand how very slow it tivity.

As there are movements in pro- it up. gress too rapid for the eye to detect, so, on every hand, are other soon, especially for the peace of this movements too slow to be recog- preaching "kid;" for in my juvenile nized. Without resorting to the days-which antedated his nearly hypothesis of a sixth sense, we can fifty years -in all the Testaments understand how faint premonitory I ever saw, it read "trespasses" and vibrations of earthquakes, storms, not "debts;" and it was so taught etc?, may be felt by acutely sensi- in Sunday schools. And there are tive persons and animals.

trating slow motions is found in a which read "trespasses," and old recent number of "Knowledge":

"In his studies of slow motions, Professor C. S. Slichter, by means of kinetoscope pictures, has so magnified the motions that the growth of seedling peas and beans during three weeks is shown in a few seconds. The plants were photographed on the kinetoscope film by artificial light at intervals of a few minutes to a few hours during the three weeks. On projecting the pictures upon the screen at the usual rate, the motion of growth was magnified about 500,000 times, and the different rates of development of the various parts were brought out very clearly. Among the striking results was the curious behavior of a pea struggling to enter impenetrable soil, the root curving and writhing much like an angle-worm, while the pea was rolled about very grotesquely."

This experiment has added interest, for it suggests the unity of matter and its properties as indicated by characteristic motions in the effort to adapt itself to environment.

between organisms belonging to the animal and vegetable kingdoms, but under the microscope in the growth of crystals, and in growth by crystallization, it may be extended to the mineral kingdom as be put before Torch readers. In well.

The only substance in the uni- for an old Bible or Testament. verse is the one material.

Debts or Trespasses.

EDITOR TORCH OF REASON:

Yesterday, in the presence of several persons, I made the assertion When using a telescope for the that the so-called "Lord's Prayer," first time, one is surprised to see in the 6th chapter of Matthew, had how rapidly the image of a star been changed during my day, so as crosses the field of view. If not to read from "Forgive us our tresmoved by clockwork, the instru- passes, etc.," to "Forgive us our

A young sprig of the Campbellite ner has seldom taken into account clergy, named Le Masters, being that the rotating motion of the present, denied that such was the earth is as greatly magnified as the fact; and asserted that the error object. For the first time he gets a (he intimated more than error) clear-cut conception of the fact that arose from the reading of the 14th the earth "do move." With mo- and 15th verses; where, in the same connection and following in continuance of the same discourse, the word "trespasses" is used. It The motion of an animalcule is true, that to make the reading consistent the readings should all croscopic power seems rapid, and it be "trespasses," or else "debts" and "debtors."

But this change of wording apreally is. We are liable to get an pears to be a sore point with the exaggerated idea of its vital ac- Christians-the clergy especially; and so effort must be made to cover

> It appears that I was born too in this place old "illuminated Voltaire's Romances. Illustrated .... books in which the "Lord's Prayer" is quoted, reading "trespasses." There was a lady here, Mrs. Mc-Cullock, who had an old Bible in which the reading is "trespasses." I tried to purchase the book, but it was not to be had. The lady is dead and I don't know where that Bible is. And I don't know where there is any other, unless it may be in the L. U. O. library.

Would it not be well to put the question before Torch readers? That I am right I have no doubt; but the tamperings with "holy writ," new "revisions," etc., by the Christian clergy is a sore point on which they appear to be industriously hedging.

They are now almost denying that a literal "lake of fire and brimstone" hell was ever preached, and young people of today are being industriously fooled into the belief that what all people of sixty years or over know to be facts, never took place.

Infidelity has so modified Christianity, and "revised" and improved it, that they are ashamed of the crude and brutal preachments of fifty years, or more, ago, and they don't appear to want it known to those of todaw.

They stubbornly refuse to acknowledge any reformation, but In this case the comparison is there are plenty of persons now born who will live to see the Christians not only deny ever having preached a literal hell, but also deny that Christ was represented as a person.

> I think it well that these things the mean time I am looking around

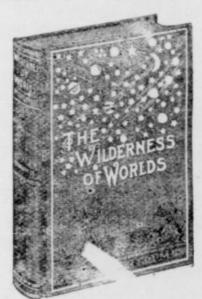
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