change taking the place, and so or destroyed. You have only to naturally continued. Thus Science correlating into, thus becoming the try these things on to see that they settles every doubt and question on other. This being so, the "spirit" are so. Unless the material and the subject which has been raised. or spook that used to make the the conditions of the life process The lecture seems to think that the wine or bread or silk is gone, and are destroyed, life can, under proper consequences are very dreadful. Bacchus and Ceres are now only circumstances, be discontinued and myths. All vegetable and animal be set agoing again. There is no more than an invitation to attend life is simply such transformation more immaterial entity about it our own funerals. President Hossaps and foods into the action or viving a "drowned man." There site view tonight. No, no! my "living." The "immaterial entity" case. There is simply a renewal the "immaterial entity"! is no longer needed to account for it; of natural processes which have coach, as needless and as absurd as ture, or air or nutrition. Why do Bacchus or Ceres, and just as un- not scientists produce protoplasm and our race than was ever before thinkable. It is a pseudo, or false, or albumen able to take on this idea-a nothing something or a vital process? Because of the delisomething nothing? It vanishes cacy of the materials and process Hope". whenever you try to think it, just at the start. It seems not to have as a spook always does. It cannot account for itself, much less accounting for anything else.

Life, then, is a process of the changes in protoplasm and its cells, always the correlate and concomitant of changes in food matter. This fact is now incontestable. It makes no difference whether it is one microbe, a yeast cell, or the three million cells which make up the wonderful complexity of the human body. Any one who wishes can note the process; it is all around us. Indeed, we are its highest instance. It is a fact incontestable, and ends the case. Life's higher manifestations in the sense of "self," consciousness, design, etc., are found to be the concomitant, correlative results of this fundamental vital process. They are higher animals and of man, but without "life" they at once cease. The vital process is the Sun which makes our mental day or night, without which neither are.

Nor is it an objection that the pro-"Vulcan," the "God," or "caloric," by that action. Just as soon as

know just how many pounds of crobes, and possibly with fishes and natural life process. In a word, it leaves, having just so much "en- higher animals, if the conditions is thus proved that life and protoergy," will make just so much life, remain they will return to life, be- plasm are indissoluble; that both which will expend itself in making cause the means of their vital pro- originated TOGETHER, and both just so much silk. We see one cesses have not been much changed NATURALLY, just as they are now of the stored and latent energy of than in turning on a light or revital energy of protoplasm called is no entity to call back in either friends, not our funeral, but that of that is now a fifth wheel to the been suspended from want of moisbeen reliably done in the chemical laboratory as yet, but it is a sure promise of science. But how protoplasm originated is not at all material to this life question. The question is, whether life is the correlative result of the natural changes in matter, or of the doings of an immaterial entity? Science proves that it is a force process continued from other changes of matter. Having proved that life takes place in this one way, by the "law of economy," as the lecture said, it cannot come about in any other way, and by the said law of correlation the same result cannot possibly come from different causes.

That idea, however, that protoplasm is a "created" material, is negatived by the fact that the creation of anything out of nothing is the complex combination of changes an inconceivable or pseudo idea. in the nervous systems of the Nothing "created" has ever been found; and so that hypothesis has no place in Science or Common ing may make one mad are not of Sense whatsoever, for it has no fact-nothing whatever to stand upon.

But that living protoplasm is cess of vital action is a continuous a naturally produced substance, is Did they hurt you much then? one, which we have not as yet been perfectly clear from what has been able to start without a cell or bit of discovered about it. For its life is if you want to shine in polished soprotoplasm to begin the process the action of chemical elements with. In olden times fire was al- (C. H. O. N. P. S.), so combined ways started by fire; when started that they cannot hold together or otherwise it was supernatural, and exist as protoplasm at all, except the "entity," did it, for man "could that action ceases the living protonever" do it! How absurd is this plasm becomes dead, and unless renow in the age of "parlor matches" vived as aforesaid, soon decomand electricity! But instead of poses. But it has been discerned high. Do not talk down to the "God"-an indescribable something starting life with fire, we start it and proved that this action, absowith water. The microbes and lutely necessary to the existence of smaller cells, even yeast, often be- protoplasm at all, is itself a natural come perfectly dead for want of correlate of changes in foods, and moisture; the immaterial "entity" does not and cannot exist except as is where? But give moisture and such correlate. As this natural the right conditions and food, and process is thus the "soul" of living you are too mean for any use to soon they are "at it again"-lively protoplasm, without which it can- man. as ever! The inhaling of these not live at all; and as things can dried microbes is the chief cause of only originate in "one way," it consumption and other diseases, follows beyond question that They revive and grow again in our protoplasm came about naturally lungs. So with thoroughly frozen mi- by and with this same action or to the graft.

It talks as if science was nothing mer has well intimated the oppo-

· This truth is simply destructive of an error which clears the way for a higher and better life for us imagined. That will appear when we come to speak of "Our New

For the Torch of Reason.

## "Guilded" Points.

BY JOHN PRESCOTT GUILD.

A priest is a holy humbug. Hate is hotter than any hell. Man is bigger than any book. Right is larger than any law. Love is fairer than any faith. Truth is greater than any God. Knowledge is better than any be-

Principle is higher than policy,

Unless you know another's purpose, you cannot know he has made

Might is not always right, but wrong to right.

The man who says you cannot subject. be honest in this world and succeed in business, it will be successful for you to have no business with.

Those who carp that much learnthe kind liable to lunacy from that cause. Fools never go crazy.

Do not be afraid of getting hurt by getting a new thought; your old ideas were new when you got them.

Brilliant diamonds are desirable ciety, but rough boulders are better for building the foundation of a

"Lessen your wants and be content with a little," is a lazy man's philosophy. They who want little will do little and get less; and they will get left, too.

Aim high, preach high and go people, but talk the people up to you. Talk above your own head, and then grow up to your own talk.

Do not be afraid of being too good. You will not be too good if you try, but you may think you are too good for anything but God when

I will not stoop to folly to win a smile; I will not cater to stupidity to court popularity; I will not pander to crime to wed renown; I will not renounce my reason to get on For the Torch of Reason.

## Brain Photographs.

BY C. S. SPARKS.

All the great works of literature, the wonderful feats of architecture, all the things that have benefited man, and all the thoughts on any and all subjects, whether good or baneful, are but photographs of the brain, and the greater the development of the camera, the brain, the more accurate will be the photograph.

An imperfectly developed brain will produce an inaccurate photograph of anything which it endeavors to produce.

The brain, whether developed or undeveloped, will produce its ideal upon any subject.

The brain which produced the Bible and the characters therein did the best it could. Their ideals were portrayed within the bounds of the development of their brains, and do not exceed that development.

Our greatest thinkers possess brains of much wider range and development than those who painted their ideals that are perpetuated by the Bible, and, consequently, they are capable of more accurate reasoning and determination of the things mentioned and supposed by the authors of the Bible to be the perfection of the capabilities of the

The perception of the authors of the Bible could not imagine other than that the world is flat, and since they did not know mathewhen might is right, it may change matics and astronomy, they accepted their imaginations on the

> Since the brain has become capable of perceiving and producing more accurately, by possessing the science of astronomy and mathematics, accurate calculations have become a reality, and science has long since demonstrated that the world is round.

> The brain is a great castle, in which is received dispatches from the nerves of the body that constantly, consciously and unconsciously direct our actions and furnish us knowledge of the world.

> The authors of the Bible did not understand this. They permitted the brain to exist in a mild, uncultivated state, and concluded that all their aspirations, successes, hopes and fears were attributable to beyond the bodily vision of man.

In nearly all ages of record we find, however, that there were a few whose brains had reached a development far in advance of their fellows, and that they have paid the death penalty for reproducing the mental pictures of the brains, and that it is only in recent times that the great thinkers have had the toleration of those not so far advanced as themselves.

We have had more learned men