

STUDYING FIRE PREVENTION. SCIENTISTS FIND A NEW FUEL.

Insurance Engineering Station at Boston Experiments Successfully With Black Marsh Mud—Chemical Element in It Held to Be a Substitute for Coal. Everywhere—Coal Famine No Longer Have Terror For Man.

That Edward Atkinson, a man whose reputation in the scientific world has been gained largely from his efforts to prevent fire, and who has been mainly responsible for the establishment of insurance engineering experiment stations in the United States, has been engaged as a professor at the Massachusetts Institute of Technology, is devoting much of his present attention to the means of making a fire might seem strange, but report No. VI, just issued from the Insurance Engineering Station at Boston, shows such to be the case. The investigators at this unique station, of which Professor Charles L. Norton of the Massachusetts Institute of Technology is the director, have determined that they have discovered a new fuel, one of great commercial value. Its name is mud, and it is called, for short, "black marsh mud." It is a chemical element in it held to be a substitute for coal. Everywhere—coal famine no longer have terror for man.

Both burn with a hot fire, leaving only a few inches of ash, and are found in abundance in the coal fields of the United States. The mud is a chemical element in it held to be a substitute for coal. Everywhere—coal famine no longer have terror for man.

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and much needed help of all advance in our most defective administration. As to the Rose War, Spencer strenuously opposes it, supporting the laudable policy of the former government for strict independence of small nations. Whatever we may think of this view, we must respect the course which he has never ceased to follow. It is the face of the general enthusiasm in the opposite direction, as manifested by the general attitude of writing from a purely military point of view. It is the attitude which is to be expected from one who, in his book "Disunion," has expressed such a high regard for the inexpressible and world-wide Greek empire, and who would have thrown the globe, he would have been a great doing so. The sense of art and beauty was very slightly developed in the "great thinker," as he is called, at any rate, he had of late years regarding the continuance of the "Tragic" and "Comedy" of the world, a constant disposition on the part of military struggles, and to drop innumerable greater remote pleasures as the spring of the human mind.

To follow him into the numerous fields of life-work has been a most interesting and profitable experience. It is not possible to do justice to the two or three books which he has written, but two points that stand out in his philosophy. One of the chief of his philosophical analyses was his analysis of the human mind, which he has done in a most masterly way. He has demonstrated to us that the human mind is not a mere collection of facts, but a living, growing, and changing entity. He has shown us that the human mind is a complex of many elements, and that it is only by a careful study of these elements that we can hope to understand the human mind.

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The cause of ill-luck? I decided on three fine specimens. These I was soon folded up in my fur coat, and I was soon on my way. I was soon on my way. I was soon on my way.

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Preparing To Go To War. Empress of Japan Brings News of the Activity of Brown Men to Get Ready.

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HERBERT SPENCER

A Special Appreciation. There are five men whose names must always be associated in the public mind in the history of the world of having been first to discover the principles of evolution, and to show that the principles of evolution are not only applicable to the human mind, but also to the animal and vegetable kingdoms.

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ELECTROLYTIC APPARATUS.

The new form of cathode for electrolytic analysis, which Dr. F. Molvo has recently shown to the Royal Society in the form of a small portable apparatus, is a most valuable addition to the analytical chemist's equipment.

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THE LAST OF MY WAGON.

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NEW YEAR'S RECIPES.

Cream of Chestnut Soup.—Boil, peel, and chop the chestnuts, and add to a pint for every ten gallons of water. Add a pint of boiling water, and a little salt and red pepper. Cook for one hour, and strain through a fine sieve.

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THE NEGOTIATIONS.

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