

Fortune Has Deprived Mankind of Marvelous Improvements.

Still stranger was the famous loss of the red hots, the manufacture of diamonds, some 15 years ago. Herbert Warner, who alone discovered and held the secret of diamond making, did not live to wreck the diamond industry as people thought he would, and consequently the loss was very mysterious and tragic. Inferior diamonds can still be produced artificially, but only at a cost of about 10 times their value. Warner, after years of experimenting, was able to turn out a genuine diamond of a large size and of the same quality as the best fraction of the complete stone's worth. He, like Waymouth, of heat power fame, manufactured his diamonds before an audi-

The extraordinary "perpetual lamp" of Henry Mills, which he invented, perfected and proved, was not in quite a different manner. The Mills lamp was an incandescent light produced without any using up of materials—it had nothing to do with combustion, and the "flame" of the lamp, as it were, was not at all the disposal of the public. On the night of May 20, 1899, Mills' laboratory in Hampstead was broken into, both lamps broken into fragments and all the papers and inventories that were the result of years of work stolen. There was not the slightest clue to the perpetrators of the burglary, which was done most

In one way it is perhaps as well that the new gunpowder "fulminate," invented by Herbert Sawbridge six years ago, never came to a head. Sawbridge discovered this powder by accident in his little chemical experimenting room at Exeter. He perfected the powder after a good deal of study and trouble, and finally showed that in an ordnance service rifle this powder could, drive

ver 30 Years.
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