DESERET EVENING NEWS: SATURDAY, APRIL 25, 1903.



Fortune Has Deprived Mankind of Marvelous Improvements.

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A recent issue of the most prominent | ence of scientists and produced three exponent of the steam engineering industry, Power, reviews a number of interesting instances which can not do otherwise than convince even the most doubtful that engineering is today very, very far from having reached a pinnacle of perfection. Among other verhampton engineer and designer, discovered the motive power of heat, ex-

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hibited it in one of the simplest, chap-est and most useful engines imaginable, are then deprived the world of its

He had produced beforehand a round dozen of excellent inventions, which still bear his name, including the modern revolving chimney-cowl; and, having revolving childrey-bow, and, have been made a large fortune, he devoted him-self to harnessing the ordinary heat of a fire and making a new power of it. The idea was laughed at by all his friends; but, after four years of study includes, but, after four years of study and experimenting, he produced a sta-tionary engine that gave double the power of any steam-driven mechanism at about a third of the cost, and also a small model heat-locomotive large enough to draw a truck with a man in it.

H it. He invited a committee of scientists and engineers, including Prois, Huxley and Forbes Brown, and showed them that his two machines worked to perthat his two machines worked to per-fection. The affair made a gerat stir, and it was proved that a great power of unlimited scope had been discovered. Waymouth was flooded with offers of huge sums for his invention, but, for no apparent reason, except, perhaps, the alleged midnes of genius, he abso-tions from the string. It out hutely refused to either bring it out himself or sell the secret. He an-nounced himself satisfied with the tri-umph of the invention, and before his death a part later he destroad all death, a year later, he destroyed all the papers and plans explaining the system and removed the essential parts of the two engines. These engines are still possessed by his heirs, but nobody has been able to make anything of

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Still stranger was the famous loss of the recipe for the manufacture of dia-monds, some 15 years ago. Her-bert 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 the circumstances of the loss were 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 experi-menting, was able to turn out a genuine diamond of large size and of the first water at the cost of a small fraction of the complete stone's worth. He, like Waymouth, of heat power fame, manufactured his diamonds before an audi-

fine stones, which were tested and pro-nounced faultiess. Two of them are still in existence and are the greatest curiosities the jewel world has ever seen. But within a fortnight of this triumph, before any new stones were out on the market, Warner utterly disappeared from his house on Harley street, London, leaving no trace whatnotes it states that it is hardly 20 weer. So complete was his disappeat-ance that from that day to this not the smallest explanation has been hit upon. . . .

Then there is the lort secret of the Then there is the for' secret of the wonderful new nietal called "tailum," which would certainly have been worth many millions to the nation and the inventor. Grantley Adams discovered it just eight years ago, and during its short life it was one of the greatest just as much as food nourishes the body. It puts every pore into a healthy con-dition; assists Nature in throwing off poisons from the body; aliays inflammation, cools, soothes and heels all irritated parts. It cures charped hands and lips, and all forms of chafing. No scap, no lotion, no wash ever made will so quickly quiet a baby suffering with prickly heat or any form of rush as Munyon's Witch Hazel Scap. Its coothing effect upon the little one is almost instan-taneous. I want every person troubled with hives, or who is formented by any itching, to bathe with Munyon's Witch Hazel Scap, using water as hot as the skin can bear. Re-lief will be immediate. There is not a case of dandruff, and I know of no scalp disease but this scap will cure. It is ideal for sham-pooing. It prevents hair from failing out by strengthening and feeding the roots. Ladies will find this scap a great blessing as a wash for certain irritations, weakness and discharges. It is shuseptic, clays all inflamination, end removes all unpleasant odors. Every gentle-uan who shaves himself should try this scap. A soften she beard and prevents that from becoming irritated and sofe. No smarting, no burning, no need of bay rum or witch hazel for bathing. For the general tollet it is an wonders of the "science and commerce" world, "Taliuin" was an alloy of metworld. Anitothe was an another by be-nls, electrically treated, nearly 55 per-cent lighter than steel, both stronger and tougher and costing 30 per cent less to produce it. It was the fruit of four years' hard work and study, and eventually Adams completed it and pub-licity exposed it to every kind of test. Trains or any other vehicles, as it was proved, would be able to travel at hearly double their present speed if constructed of "talium," and there was no kind of edged tool that would not be as keen, as well as much lighter if made of the new nictal. The commotion caused by this discovery was extraordinary, and still more so was the upshot of it, for the magnitude of its success overcame Adams' reason, and he became insane before ever the secret of the construction of "tallum" WAR burning, no need of bay rum or witch hazel for bathing. For the general tollet it is an of the construction of "tallum" was given out. Adams died a year later a hopeless lunatic, and, as there were no papers explaining his method, the great secret was lost. All the tools and en-gines of "tallum" which he had made remein, but no analysis has revealed the method by which the metal was however. "Tautum" to lost for bathing. For the general tones it was exquisite luxury, it improves any complexion and makes the skin soft as velvet. It is as far superior to any other soap ever made as the electric light is to the tailow dip. You cannot afford to be careless about your soap, especially if there are young children in the family. Sold everywhere. MUNYON bienaea. "Taiium" is lost.

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The extraordinary "perpetual tamp" of Henry Mills, which he invented, perfected and proved the worth of twelve years ago, was lost in quite a different manner. The Mills lamp was an incan-descent light produced without any using up of materials-it had nothing t uo with compusition, and the "flame" of it was perfectly cold. It was certainly one of the most wonderful inventions o the age, and not at all an expensive af-fair. Mills made two of these lamps and demonstrated their absolute success but an extraordinary thing happened before the invention was put at the disposal of the public. On the night of May 20, 1899, Mills' laboratory in Hamp. stead was broken into, both lamps broken into fragments and all the papers describing the invention, involving years of work, stolen. There was not the slightest clew to the perpetrators of

scientifically, and the crime has never been traced. Even the reason for it is not known-whether it was malice jealousy or theft. No use has been made of the stolen papers, and Mills, who depended on these papers, set to work again, but two months later he contracted typhoid and died, and Britain

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the new gunpowder "fulmite," invented by Herbert Sawbridge six years ago. never came to a head. Sawbridge dis-covered this powder by accident in his little chemical experimenting-room at Exciter. He perfected the powder after a good deal of study and trouble, and finally showed that in an ordinaty the burglary, which was done most service rifle this powder could drive

a bullet accurately a distance of nearly six miles, and that at ordinary ranges it gave over 10 times the penetration that "cordite," the present powder, gives. A bullet propelled by it at 600 yards would remeterize the men th MUNYON TALKS gives. A bullet propelled by it at our yards would penetrate 12 men. It would have been a terribly destructive invention, and one of its best spoints was that it did not strain or corrode a gun in any way; and, above all, damp could not harm it. But such is the extraordinary fatality that seems to dog inventors that Sawbridge was killed in an explosion in his laboratory which wrecked the entire cottage. This happened soon after the government TO WOMEN Tells How They May Have a Beautiful Complexion happened soon after the government had begun to negotiate with Saw-bridge for the purchase of his inventtion; but the explosion that killed him destroyed any records there might have been of his work. It was not "rulmite" that killed him, but an acci-Munyon's Witch-Hazel Soap is really a skin food and vitalizer. The only

dent with ordinary nitro-glycerine.-Journal of Electricity, Powder and Gas. Due Notice is Served

success has caused imitators to brand their scap witch hazel; these words cannot be trade-marked. See that the scap is stamp-ed Munyon. It nourishes the skin just as much as food nourishes the into a healthy con-Due notice is hereby served on the Due notice is hereby seven on the public generally that DeWitt's Witch Hazel Salve is the only salve on the market that is made from the pure, unadulterated witch hazel. DeWitt's Witch Hazel Salve has cured thousands of cases of piles that would not yield to any other treatment and this fact has any other treatment, and this fact has brought out many worthless counter-feits. Those persons who get the genu-ine DeWitt's Witch Hazel Salve are never disappointed, because it cures. Z. C. M. I. Drug Store, 112-114 Main Street.

RICH BEDROOM SET.

One of the most expensive and yet | Simple bedroom sets is imported from England. The wood itself is light, a basswood possibly, but with a delightful finish, and stained to a delicate lavender tone. There are twin bedsteads, with end and footboard formed of narrow, flat strips of wood. There is a high bu-reau or chiffonier with small round crass ball handles, a dressing table with large glass and one drawer, and a pretty, small wash-stand with raised sides and back, the top of the stand being set with green tiles. There are a cou-ple of small chairs with green upholstered seats and oddly shaped backs, ta-pering up to the top, where they are not more than six or seven inches across. The decoration, and there is not much of this, is in brass inlay, the metal something the shape of an ace of spades and set into a sphere of silver. The set is an expensive one, costing nearly \$700. -New York Times.

For liver troubles and constipation There's nothing better in creation Than Little Early Risers, the famous

little pills. They always effect a cure and save doc. tor bills.

Little Early Risers are different from all other pills. They do not weaken the system, but act as a tonic to the tisgues by arousing the secretions and restor-ing the liver to the full performance of its functions naturally.-Z. C. M. I. Drug Store, 112-114 Main Street.

Two theories of taste and smell appear Two theories of taste and smell appear to be in favor. The vibration theory of Sir W. Ramsay, proposed about 20 years ago, is similar to the popular theory of light and sound, and assumes that sub-stances of medium molecular weight vi-brate at a rate that affects the nerve cells, while the vibrations of substances having molecular weights below 30 are too rand to give any increasion can year having molecular weights below 30 are too rapid to give any impression and very heavy molecules move too slowly. The chemical theory is based on the old ob-servation that odorous bodies are usually oxidized readily. It is confirmed by the late discovery that the new gases krypton and xenon, with molecular weights near that of vanillin, are odorless, tasteless, and inert; and further by the curious fact that the purification that makes certain substances more stable also lessens their taste and odor. An English chemist points out that both theories may be mainly cor-rect, the nerves responding only to the agitations accompanying chemical change instead of being directly stimulated by the ordinary vibrations of the molecules.

An electrical test, at first proposed as a means of determining whether life is extinct, has been used to show when life begins. Ng reaction is produced if the maiter is lifeless. Applying this method to hen's eggs. Augustus Wal-

tical commercial airship is evolved. The perfected airship should have an indepen-dent speed of 69 to 89 miles an hour. An electrical test, at first proposed as ously reached in different parts o world, and that in Norway, where p the is some two centuries long, to crease is still in progress

The new Irrigation Law, in pample form, only 10c at the Deseret New ok Store.

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was thus deprived of his secret. SCIENTIFIC MISCELLANY. . . . In one way it is perhaps as well that

MUNYON



Counterfeits.

Read what one of the GREATEST NEWSPAPERS IN AMERICA has to say on this subject:

"The manufacturers of Castoria have been compelled to spend hundreds of thousands of dollars to familiarize the public with the signature of Chas. H. Fletcher, This has been necessitated by reason of pirates counterfeiting the Castoria trademark. This counterfeiting is a crime not only against the proprietors of Castoria, but against the growing generation. All persons should be careful to see that Castoria bears the signature of Chas. H. Fletcher, if they would guard the health of their children. Parents, and mothers in particular, ought to carefully examine the Castoria advertisements which have been appearing in this paper, and to remember that the wrapper of every bottle of genuine Castoria bears the fac-simile signature of Chas. H. Fletcher, under whose supervision it has been manufactured continuously for over thirty years."-Philadelphia Bulletin.

