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MATTRASSES restuffed or made to order. CARPETS cleaned and laid.

241 PRINCESS STREET.

MISCELLANEOUS. IMPOSSIBLE.

Owing to the rush of business on account of the large number of Stoves and Ranges which we are selling, we find it impossible to exhibit at the Central Fair, but we shall be pleased to show to visitors the large array of GURNEYS, RANGES and STOVES at our Warerooms, NO

189 PRINCESS STREET. R. M HORSEY & CO.

WATER CACKS ARE FITTED WITH PIPES.

The Want of a Safe Light the Prolific Cause of Deaths in Mines-Relies of a Prehistoric Race Found Recently in Spain

Recent explorations in Spain by two Belgian scientists have resulted in some very interesting discoveries. Relics of a prehistoric race have been found in great abundance, ranging from the stone age to that of bronze and metals.' These people buried their dead not only in stone graves or cells, but also in great jars of burnt clay, accompanied by pieces of pottery and other articles of use and value.



RELIC OF A PREHISTORIC RACE.

This form of jar burial is very widespread, and examples have been found from Japan to Peru. These relics are supposed to belong to that ancient race which lived in Europe previous to the Aryan immigration, the various branches of which are known as Ib. rians, Pelasgians, Ligurians, etc., according to the country in which they lived.

Several skeletons were found adorned with silver and gold ornaments. One of the most remarkable is illustrated in the accompanying cut taken from La Nature. It is a female skull encircled by a band of silver to which is attached a thin plate of the same metal. This skull was found in a cave near the station of Fuente-Alamo, where gold and silver are found in small quantities in the soil; and it is quite possible that in those ancient times the mining of the precious metals was a regular occupation of the inhabitants.

Deaths in Mines.

The number of persons who have been killed by explosions in mines during the past fifty years is 11,000, as stated by Mr. Ellis Lever in a recent issue of The London Times. This number is, however, only a small proportion of those who have met their deaths by colliery accidents. The number of deaths through accidents of all kinds in mines since the queen's accession is nearly six times greater-60,000, Mr. Lever says-while 4,000,-000 persons have been maimed or otherwise injured. Mr. Burt, M. P., an undoubted authority, states that the average number of those killed in mining operations is now 1,200 a year, and that 100,000 persons annually are injured in following the hazard-

ous occupation of the miner. The want of a better and safer light is mainly responsible for this great loss of life. The royal commission on accidents in mines has condemned as unsafe the lamps of Davy, Clancy and Stephenson. The house of commons confirmed the conclusions arrived at by the royal commissioners, and government inspectors of mines are now advocating and hoping for the immediate and universal introduction of the electric light into coal mines. There are many forms of electric lamps now competing for the favor of miners and mine inspectors, and some of them possess undoubted advantages over the older types of safety lamps. But there are also in most of these serious drawbacks which prevent their speedy introduction to mine uses. Weight, complication and cost are among the principal disadvantages; and it behooves electricians to give their utmost thought to the task of overcoming the difficulties which the peculiar needs of the miner present.

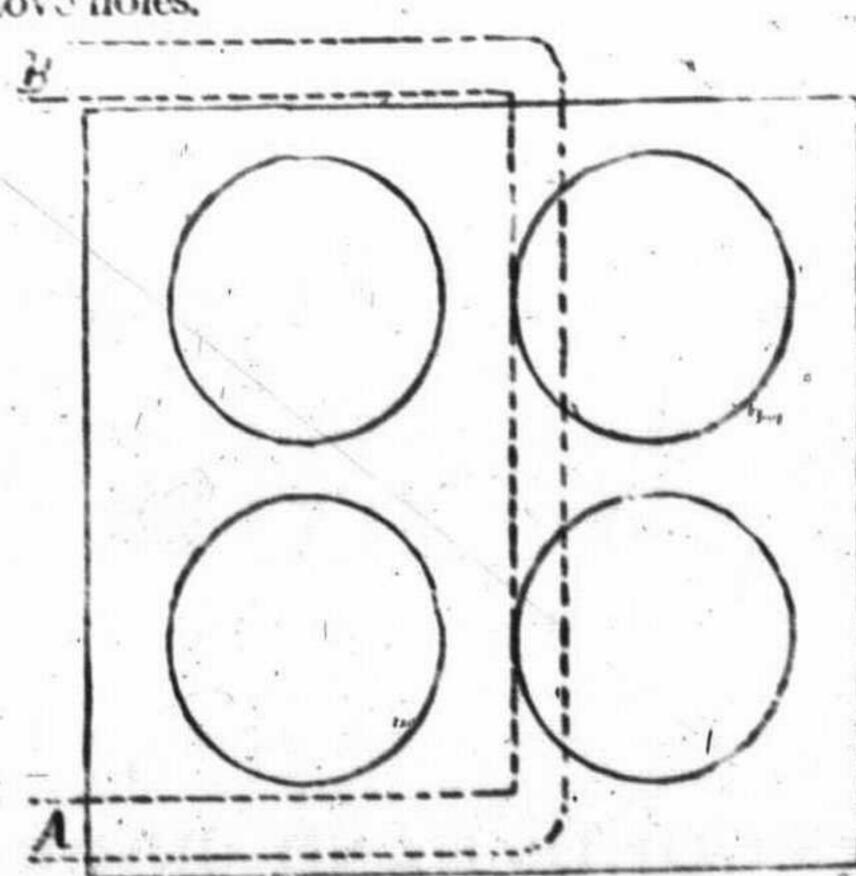
Providing Stoves with Water Pipes.

Many of the cheaper stoves are not provided with water backs, nor are there any holes in them for the inlet or outlet pipes. When such a stove is to be fitted for heating water the holes have to be made and gas or water pipes put in to heat the water unless a cast iron water back made for some other stove can be used, which is seldom the case. To make the holes in the stove for the pipes, mark the size of the pipe on the stove, in the proper location, then drill holes around the inside of the circle, so the piece can be knecked out without danger of breaking the casting. The hole can be made round by filing out with a half round file of proper

Some stoves are so made that there is not room for the pipe to go inside the stove to reach the fire back; in this case The American Artisan advises that the pipe be put outside and above the oven door, as shown at B in the accompanying cut. When there is room, it can go as shown by A.

.The outlet pipe should always be on a slight incline, as it is more natural for hot water to go up than down. Crooks in the pipes should be avoided, as they form air or steam traps, which prevent the water from flowing.

The water pipes should be so located as not to interfere with the oven door, or be in the way of the articles that are to be set in the stove holes.



WATER HEATING PIPES IN COOK STOVES. Three-quarter inch gas pipe is usually large enough; put once through the stove. When much water is to be heated, it may be necessary to make a "return." If the back of the stove, or rather one side of the stove, sets against the wall, so the oven door is not used, the inlet and outlet pipes can be on that side

or back. The main point to be observed in putting in such work is, have the pipes so arranged that the water will, from the time it leaves the coupling under the water tank, be going up an incline, and never under any circumstances try to make hot water go down hill until after it has become heated. As the cold water is supposed to be becoming warmer all of the time, it should have an upward ten-

PHŒNIX BARNUM.

Everybody has by this time read of the big fire in Bridgeport, Conn., the other night, whereby a large number of the wild animals



THE BRIDGEPORT FIRE.

of Barnum's menageric were burned to death. The particulars of the encounter between the lion and the lady, in which the lion was routed, have also become common property.

This is the fifth time the great showman has been almost ruined by fire; and when we add that in 1854-5 he was stripped of every cent he had and left many thousands in debt by the failure of the Jerome Clock company, it will be seen that he has certainly had his share of the ups and downs of the world. Yet he is undismayed, and has given abundant and most amusing evidence that with him the ruling passion is stalwart in old age, for the dailies have been full of interviews with him in which he has seemed to regard the recent fire with a sort of glee, as one of the biggest advertisements he has ever had; and this man is only one year younger than the present century.



AFTER THE FIRE OF 1868.

The first great fire he suffered came Dec. 18, 1857, while he was still a bankrupt, and destroyed his noted residence called "Iranistan," on the sale of which he relied to clear him of debt. The less was \$200,000, of which but \$25,000 was covered by insurance. The second was that of the Great American museum, on the site of the present Herald building, on Broadway, New York, July 13, 1865. The loss was \$400,000; but it seemed at the time that the public's loss could never be repaired, as Mr. Barnum had collected there the rarest curiosities from every part of the world. That fire was made one of the great sensations of the day by the vivid word painting of the reporters of the New York ress. An imaginary description of the scenes in the interior when the animals got loose-professedly witnessed from the window of an opposite building-published in The Tribune, was copied in every English reading country, and millions of readers believed it a truthful account. Barnum's next misfortune was the burning of the Chinese building on Broadway, March 3, 1868, the loss \$366,000. The weather was extremely cold, and when the fire had destroyed all the wooden interior, the front was almost cased in ice, as the water from the engines froze as it ran down. Immense crowds visited the spot for many days after to see the curious sight. His fourth fire was the destruction of the Hippotheatron, on Fourteenth street, New York, Dec. 24, 1871-loss \$300,000, with but \$90,000 insurance. Thus the great showman has lost by fire, beyond his insurance, about \$1,250,000, and over \$500,000 by the Jerome failure. Yet he is a wealthy man, still in good health and with scarcely diminished energy.

CONCERT AT SYDENHAM.

Its Special Features Pleasing-Kingston Talent Exhibited to Advantage.

The concert on Friday night, under the auspices of St. Paul's church, is pronounced by many the greatest musical treat ever given to the people of Sydenham. The local contributions were of the usual high order of excellence. A solo by Mrs. Stillwell, a late brilliant acquisition to our talent, elicited rounds of applause, a duet by the same lady and Miss Helen Booth being similarly received. A piano duet by Misses Hentig and Leahy, "John Andersen," by Miss Caldwell, and a song by Mr. K. Purdy were all loudly encored, the latter in response again bringing down the house with "Sarah's Young Man." The main programme was furnished by the Royal college glee club, and the ever popular Keeley, who was in his very best form, kept old and young in convulsions, each successive response to the most vociferous encores only increasing the demand. The students enlivened the proceedings with a series of loudly applauded choruses, alternated by recitations from Messrs. Wilson, Buchanan and Raymond, the latter. in 'George Wash. ington," evoking roars of laughter. But the special feature of the entertainment was the performance of the college orchestra, whose four selections held the audience in transport and created the most rapturous enthusiasm. In compliance with the general wish arrangements have been made with the gentlemen of the club and Mr. Keeley for a repetition of the concert, which, with some additional attractions, may be looked for about the 27th Jan. The thanks of the committee are due Mrs. Booth for kindly furnishing the piano, and to Mr. E. H. Horsey, of the Royal college, (who ably filled the chair), for general and effi cient co-operation. -- Com.

Helloway's Gintment and Pi.ls. The soothing properties of these medicaments, render them well worthy of trial in all diseases of the respiratory organs. In common colds and influenza, the Pills, taken internally, and the Ointment rubbed over the chest and throat, are exceedingly efficacious. When influenza is epidemic, this treatment is the easiest, safest, and surestir Holloway's Pills purify the blood, remove all obstacles to its free circulation through the lungs, relieve the over-gorged air tubes, and render respiration free, without reducing the strength irritating the nerves, or depressing the spirits; such are the ready means of saving suffering when anyone afflicted with colds, coughs, bronchitis, and other chest complaints, by which so many persons are seriously and permanently afflicted in most countries.

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