Baltimore's Big Copper Plant.

It is not generally known to our readers, we presume, that Baltimore has one of the largest Copper refining plants in the country, yet such is the fact. The buildings cover fourteen acres of ground. The Copper which supplies this immense plant is brought in its crude state from the Anaconda mines of Montana. These mines are very rich in Silver mixed with the Copper, which until the present electrical system was perfected, was lost. The Baltimore *American* in speaking of these mines and the Baltimore plant says:

The Anaconda company is pressing the Baltimere Smelting Company to increase its plant. The process makes the copper purer by separating from it the antimony, bismuth, gold and silver. Its interest to the city of Baltimore is very great, and yet it is not able to handle more than half the output of the Anaconda mines, althongh over six hundred men are employed, and the automatic process saves the labor of a great many more. Every pound of copper shipped East from the Anaconda mines, comes over the Baltimore & Ohio Railroad, The output of these mines every year equals 75,000,000 pounds, equal in value to $10,000,000, and half of it is handled in Baltimore city, and as the capacity of the works are increased, it will be refined here, Formerly the copper went abroad in matte, almost its crude state, containing sixty per cent of pure copper. These Anaconda mines will soon close for repairs, but this will have no effect upon the works at Canton, where there is raw material enough to keep the works busy for six or seven months, and worth in value $2,500,000.

The silver which is produced at the works is cast into bricks, weighing about 1,200 ounces, Troy weight, and 999 parts fine. Each of these pigs or bricks, of silver weighs about eighty pounds, Silver is now worth eighty-five cents an ounce. The electrical refining works were started on Nov. 19, 1891, and with the old fashioned process, both works employed 630 men, many horses, cars and a great deal of labor-saving machinery. Two hundred tons of coal are used every day to smelt 160,000 pounds of copper. These are the largest gold and silver electrical copper work in the world. There are two separate companies, each with a capital of $500,000, chiefly owned by the same lot of stockholders.

A great quantity of commercial bluestone is produced at the works, and most of it is purchased by the Western Union Telegraph Company: some of it is by dyers, a part by Paris green dealers, and when the phylioxera troubles the vines in Europe it is largely used there. After the copper is purified, as much as fire can do, it is sent to the electrical works, and there the other foreign minerals are extracted by acids and dynamos. The silver bullion is all shipped to Clark, Dodge & Co., of New York, and all the gold is sold to the United States government. About four hundred ounces of gold is saved or extracted every month, and it sells for $20 an ounce.

After a long tour through the sacred and private buildings and laboratories of the electrical refining copper works, vice-President Wm. Keyser of the Canton company was called on by ex-Mayor Hodges and other gentlemen to give some statement of the copper-producing and refining industry he said: "Twenty years ago the total output of copper in the United States did not equal the product of the Canton works. Lake Superior produced the most copper. The richest mines are the Anacoude mines, in Montana, discovered by Maurice Daly, and sold for $39,000, and in the first thirty days of their operation produced silver enough in the copper to pay for them. The mines of Arizona have no silver or gold, and their copper is best suited for rolling purposes. The mines of Montana are the greatest in the world." To give an idea of their great value to Baltimore, he said that $2,700,000 was paid in this city last year for frieght alone, and there is not at Canton a dollar's worth of unsold unfinishsd product, and the works are not able to produce all they can sell, and from the twenty-three mines which produce ninety-five per cent. of the copper of the world, one-half of it is consumed in America. This metal is more controllable than any other great product. In October 60,000 to 70,000 ounces of silver were produced, and 2,000,000 pounds of copper. Last year Baltimore handled $7,000,000 of copper. It is the aristocratic metal of the world. and is largely owned by Hirsch, Rothschild and the great capitalists of the world. Copper, as matte, is worth seven cents a pound, and eleven and a-half cents in the bar.

Dr. Fenner's Salt Rheum Ointment is the "grandest medicine ever made by man." For all skin eruptions. Warranted to satisfy or money refunded. Sold by George & Redden

THE TRAMP AND HIS CHICKEN.

He First Catches It and Then Cooks It with Much Skill and Little Labor.

The tramp has an ingenious way of obtaining a chicken. He must avoid all noise. The slightest cackling on the part of the bird would be fatal to his dinner.

He proceeds to get a stick about ten feet long, to the end of which he binds a crosspiece, making a rude perch. Then, stationing himself under a tree in which the chickens are roosting, he picks out his particular bird and gently brings his perch up in front of her.

If the fowl does not step on at once he rubs his perch gently up and down against her breast until she finally steps on and promptly goes to sleep again. The tramp shoulders the stick and marches up the road out of hearing distance of the house.

How many people, after a raid on their henroosts by the tramp in the dead of night, stop to think how he cooked his chicken? If they give the matter a thought at all, they suppose he will start a small fire and broil it. But he will do nothing of the kind. In fact it would be impossible for him to do so without removing the feathers, and as that would require labor it would not be attempted.

His kitchen utensils consist generally of a broken knife and a tin cup. With his knife he will kill and clean the chicken in very much the same way any housewife would, except that he will make the opening in the breast much smaller. His seat of operations will be on the bank of some little brook, where he will build a fire. Then comes the part which he thoroughly dislikes. He makes a very thin paste of clay and water, and taking a handful commences to rub it well over the chicken, feathers and all.

After this is well worked in he takes another handful of a little thicker paste and rubs it over the first layer. So he continues, each layer being about an eighth of an inch thick, until he has a coating of two or three inches all over the bird and it resembles a huge mud ball. Then he heaves a sigh of relief.

Nothing further is necessary but to put the mud ball in the fire, and in about twenty minutes it is transformed into a savory meal. When the chicken is done the clay is baked like a brick. After cracking it, it peels off, carrying with it the feathers and skin, leaving the chicken smoking and white, a delicious morsel.—New York World.

The Potato in Place of Soap.

There is a great deal of cleansing power in an ordinary Irish potato. In many laundries boiled and mashed potatoes are used to produce snowy whiteness, and more than one camper out who has found himself without soap has fallen back on potatoes as a substitute and washed out handkerchiefs and shirts with them. As a matter of fact, potatoes will remove stains which refuse to yield to soap, and the chemical action is much less injurious to fabrics.—Exchange.

Highest of all in Leavening Power.—Latest U. S. Gov't Report.

Royal Baking Powder

ABSOLUTELY PURE

MONEY SAVED

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Policies maturing in 1892 realize cash returns to the owners of amounts varying from 120 to 176 per cent. of the money paid in, besides the advantage of the Assurance during the whole period of twenty years.

The following is one of many actual cases maturing this year:

Endownment Policy No. 70,450.
Issued 1872, at age 30. Amount $10,000.
Premium, $485.30.
Total Premiums paid, $9,706,00.

RESULTS

at End of Tontine Period in 1892

Cash Surrender Value,
$16,321.20.

(Being a return of $168.16 for each $100 paid in premiums, which is equivalent to a return of all premiums paid, with interest at the rate of 6½ per cent. annum).

Or, in lieu of cash,

A Paid-up Life Policy for
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(Equal to $360.09 for each $100 paid in premiums). Or

A Life Annuity of $1,300.00.

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It records both cash and credit sales.
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