

THE DIAMOND CUTTERS.

ONE HUNDRED MEN WHO EARN HIGH WAGES IN NEW YORK.

An Occupation Which Requires Patience and Delicacy of Touch—The Various Processes Described.

A French lad of sixteen, busy amid the noise and heat of a John street diamond cutter's loft, was shaping, with his bare fingers, a little mass of half-molten solder just out of a gas-heated crucible.

The fifteen diamond cutting concerns of New York polish 10,000 carats of rough diamonds each year, rather more than the annual output of the Brazilian mines.

In looking about a diamond cutting establishment one would hardly suspect the precious character of the material in use.

The floors are of bare, red brick, the walls are open, and any one may enter by the door unchallenged.

The diamond cutter receives an invoice of stones he carefully studies each one, and takes note of its color, size, weight and shape.

When the boss cutter has made accurate record of his rough diamonds he divides them into groups of four or five and gives a group to each workman.

From this time forth the man to whom they are intrusted is responsible for the stones.

SCIENTIFIC AND INDUSTRIAL.

Galveston, Texas, is putting up a cotton mill to cost \$500,000.

Scientists declare that the average size of men's necks is decreasing.

An electrical shoal water indicator has just been devised by two Mexicans.

The temperature in the deepest coal mines in the world is ninety-five degrees.

Virginia City, Nev., has the biggest electric plant on earth. It has six 120 horsepower generators, and runs a mine and mill.

A rock breaker has just been made at Chicago which weighs forty-five tons and which will break a big rock at the rate of two to three tons per minute.

The Union Pacific has just ordered seventy-six locomotives from the Baldwin Locomotive Works at Philadelphia, to be finished as soon as possible.

The Vermont Microscopical Association has announced that a prize of \$250, given by a firm of chemists, will be paid to the first discoverer of a new disease germ.

A wealthy Spaniard, named Buenos, has donated to the Government the sum of \$100,000 for the purpose of making experiments with a new submarine boat.

THE FARM AND GARDEN.

DISBURDING HORSES.

The horns of young calves may be prevented from growing by the easy operation of removing the germ of the horn.

WATERING THE STOCK.

Although some horses, unless very thirsty, only drink a small quantity each time, they should have it all the more punctually.

Some horses are far more particular about the quality of the water they drink than others.

Just before swarming bees fill themselves with honey, which supports them in their new home until they get to work again.

Japan buckwheat is one of the "novelties" that has come to stay.

Botanists seem to agree that wheats do not cross readily; indeed, it has been held that they do not at all, but are self-fertilizers.

It may be A. D. 1915 before the co-operative creamery, in some of its forms, will have superseded farm-butter-making.

A CURE FOR HOG CHOLERA.

A remedy for hog cholera given by the Georgia Department of Agriculture is, flowers of sulphur, sulphate of iron (copper) and madder, two pounds of each, black antimony and nitrate of potassa (saltpetre), half a pound of each and two ounces of arsenic.

There is a very successful woman drummer in the coffee trade.

The parasols carried in the United States cost \$14,000,000 annually.

Some of the Paris papers have started a crusade against women who smoke.

There is an attempt to make popular again bright and crude tints for dresses.

There are said to be thirty women butchers in the Jewish quarter of Brooklyn.

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NEWS AND NOTES FOR WOMEN.

Ecru pongee is used for petticoats. Most Russian ladies smoke cigarettes.

Princess gowns are made of India silks and thin washing fabrics.

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Do You

Have that extreme tired feeling, languor, without appetite or strength, impaired digestion, and a general feeling of misery it is impossible to describe?

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JACOBS OIL

THE GREAT REMEDY FOR PAIN IT CONQUERS PAIN.

THE LATEST IMPROVED HORSE POWER.

DO YOU WISH A GOOD REVOLVER?

SMITH & WESSON.

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SMITH & WESSON.

Hood's Sarsaparilla

100 Doses One Dollar.

THE GREAT CONQUERER OF PAIN, RADWAY'S READY RELIEF.

CURES ALL SUMMER COMPLAINTS.

RADWAY'S PILLS.

FRAZER AXLE GREASE.

OPPIUM.

DUTCHER'S FLY KILLER

MAKES A CLEAN SWEEP.

WANT TO LEARN ALL ABOUT A HORSE?

HERE IT IS!

ATLAS OF U. S. AND WORLD 25c.

DR. KOHLER'S FAVORITE COLIC MIXTURE.

THE BEST COUGH MEDICINE.

Two servants in two neighboring houses dwell But differently their daily labor felt Jaded and weary of her life was one

Always at work and yet never done. The other walked out nightly with her beau—But then she cleaned house with Sapote.