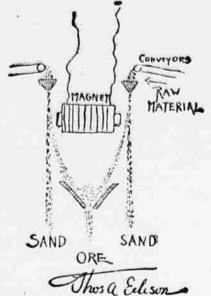
Operations of a Magnetic Ore Extractor in the Jersey Mountains.

DETAILS OF A WONDERFUL MACHINE

Automatic Machinery Crushes the Rock, Extracts the Ore and Feedwille Porngers_Great Obstacles overcome.

(Copyright, 1807, by S. S. McClure Company.) Thomas A. Edison has just completed what tway prove to be the greatest arbievement of his life. After eight years of incessant work, night and day, in the face of discouragements which ecemed almost insurmountable, in spite of obstacles which only a genius could overcome, he has given to the world an industrial invention which in the seriousness of its intention may come to rival the kinetoscope, the phonograph or even the electric light. Nothing he has done heretofore has requireed so much of his individual attention, taxed his inventive latest accomplishment. Thousands of poor workmen will bless the steadfastness of purpose which made him carry his ideas to a nuccessful issue. He hos, in short, at last pointed out a commercial way of utilizing the immense deposits of iron ore which lie under the New Jersey hills.

Billions of tons of iron ore lie scattered though the rocks of the castern spurs of the Allegheny mountains. Edison himself made this remarkable discovery years ago and geologists ever since have amused them-



Separating Plant, Made by Thomas A. Edison.

selves with proving how perfectly inex-haustible is the supply. But the ore is scattered about in such fine particles that it could not be mined with the ordinary methods, and hence has been looked upon has exceeded upon it. Engineers used as one of the few great wastes of nature. This state of affairs was very aggravating In view of the peculiar conditions which pre-vailed in the iron trade of the extreme east. For some years past the bulk of the Besse-mer sleef trade has been drifting westward by reason of the discovery and opening up rocks, or if such a machine were constructed of immense deposits of high-grade ore in the it would never stand the jar and strain Upper Peninsula of Michigan, suitable for exerted upon it. This particular difficulty, it making Bessemer steel, cheaply produced, may be said in passing, Mr. Edison sur-and carried at small cost by water transportation to furnaces contiguous to the lake were compelled to depend on a few small, isolated deposits of Bessemer ore in the east and ores imported from foreign countries. The ore deposits of the southern states, as well as the non-magnetic ores of New Jersey and New York, are unsuitable for makles of the southern states. Bessemer steel.

Weighing six and seven tons to dust in three seconds from the time they are thrown into the crushing machine. Other difficulties were overcome as completely, none growing too much for Mr. Edison's indomitable will and tare concentration of mind and energy.

HOW EDISON LEVELS MOUNTAINS. ports. The furnaces east of the Alleghanies were compelled to depend on a few small,

from the cost in the Pittsburg district, but in the last few years the cost of foreign of mining and transportation of these deposits, have apparently raised insurmountaket, and many mills have ceased to operate. The condition is not a trivial one, for many thousands of persons depend upon these mills and furnaces for a living.

THE DISCOVERY. Edison's interest in the matter dated from a romantic episode which occurred sixteen years ago. He was walking along the seashore on Long Island one day when he no-ticed a strange pile of black and piled high up on the beach. He had never seen such remarkable sand. He examined it. slifted it and even tasted it, but he could have upon the lungs.

Some of the buildings are as tall and narrow as city "sky acrapers;" others are flat
some of it home to his laboratory for the
purpose of testing it. He was on the point. Big wheels revolve in the engine house and

EDISON'S LATEST TRIUMPH who set up a plant on the beach and proceeded to separate the from ore from the sand with every prospect of developing an extensive industry. But the sea proved to be less generous than it had at first premised to be, for one dark hight there came a storm such as half not visited the piace for many years and when the contractor owne to visit his plant the next morning, not a vestige of the black sand remained. If his all been swept into the sea from whence it came. When the above mentioned carrious condi-tion of affairs in the Iron trade was brought to Mr. Edison's attention, eight years ago, he thought of the ill-fated Long Island en-terprise and of his discarded magnetic separ-

ator, and wondered if it might not in the end present a true solution of the difficulty. In order to nasure himgelf of the exact condition of the Fron mines in the east, he made a tour of the nines in New Jersey, for the purpose of seeing how much ore there was left in them and how one it would last. It was on this memoraole trip that he made the discovery that most of the rocks of New Jersey were underlaid with immense deposits of iron. He in-vented a magnetic needle which would "dip" towards the earth whenever it was brought over a large deposit of iron ore.

A NEEDLE POINTER. He was driving along in a buggy one day between two mines. The needle was on his lep and his mind was drifting away from the subject in hand, when suddenly he noticed the paint of the needle dip violently toward the earth, and remain pointing downins individual attention, taxed his inventive ward. He wondered how this could be, for, ingenuity so fully, or in the aggregate as far as he knew, there was no iron ore consumed his vital powers more than this anywhere near him. He tested the needle and found it all right. He was driving over gneiss rock at the time, and he noticed that whenever he was above this rock the needle continued to point towards the earth. His amazement became great, for if the needle did not err, it simply meant that the ground under him was underlaid with immense deposits of iron. Determining to find out if this was so, he set a corps of men at work tally was so, he set a corps of men at work making a magnetic survey of the rocks of New Jersey. He then planned a magnetic survey of the whole east, and it remains probably the most comprehensive undertakngs of its kind ever accomplished.
With his magnetic needle, or, as he calls
t, his "magnetic eye," he tested every large

With his magnetic needle, of, as he calls it, his "magnetic eye," he tested every large body of gnesss rock extending along the eastern coast of the United States, from lower Canada to the great Smoky mountains of North Carolina. He found immense deposits of Iron. For instance, lo the 3,000 acres immediately surrounding the villege of Edison there are ever 200,000,000 tons of low grade ore. In the entire district there are 16,000 acres in which the deposit is proportionately as large. The world's annual output of iron ore does not, at the present time, reach 60,000,000 tons, so that in the paltry two miles surrounding the village of Edison there is enough iron ore in the rocks to keep the whole world supplied for one year or the United States for three years, even with the natural increase in demant! Sixteen thousand acres, or twenty-five squere miles of land, contain enough iron ore to keep the whole world supplied for one years, allowing, of course, for all natural increase of demand due to the needs seventeen years, allowing, of course, for all natural increase of demand due to the needs of a growing copulation. These acres would more than supply the United States with iron, including necessary experts for the feet said have to be much much made acres would necessarily necessarily have to be much much made acres would necessarily have to be much made acres when the contract of the contract including necessary exports, for the next seventy years, and they contain more than has been mined heretofore in this country since its discovery.

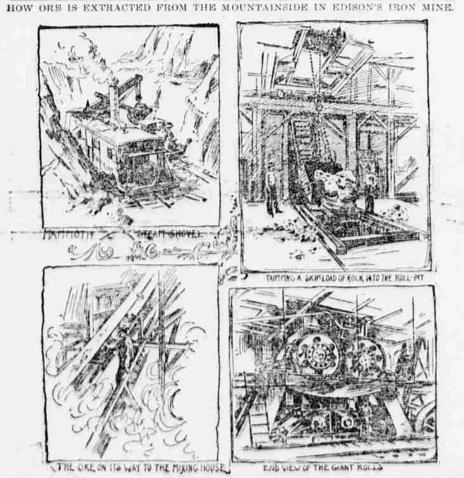
This was a remarkable condition—smelting

works shutting down for want of iron ore at low prices when billions of tons of it lay idle in a strip of land which in most cases was within seventy-five miles of the great iron milis of the Atlantic coast. Here was an opportunity of which the inventor immediately took advantage. He set to work to plan out a great industry. It has taken him eight years to do it, but the result has justified all the trouble and money which he large enterprises of the kind have smiled incredulously. Some of them have spoken of it as Edison's hobby and others as his folly. Some have shown him on paper that no mounted so completely that less than 100-horse power is required to reduce rocks weighting six and seven tons to dust in thre-

For a time the cost of the ore at the eastern furnaces was not greatly different from the cost in the Pittsburg district, but electro-magnets. The sand is not attracted In the last few years the cost of foreign ores, which are approaching exhaustion, has reached the prohibitory point. Then the discovery of the great deposits in the Messba range of Minnesota in the last three years.

On the magnetism and passes straight on the iron ore is attracted to one side and falls in a heap of its own. This is the whole covery of the great deposits in the Messba range of Minnesota in the last three years.

The village of Edison stands on the sumand the tremendous cheapening in the cost mit of Mount Musconetcong, in northern New of mining and transportation of these de- Jersey. The spot is 1,200 feet above the level posits, have apparently raised insurmountation of the sea, and is the center of a dense ble obstacles in the way of eastern iron mills wilderness. One's first view of the place is meeting the competition of the great mills, apt to be tempered by the disagreeable white of the central west, even in the eastern mar-i dust which flies through the air and overlies ket, and many mills have ceased to operate, everything. The activity roundabout is in strong contrast to the placid country districthrough which one must travel in order to reach the place. On all sides the roar and whistle of machinery, the whirr of conveyors and the general noise and bustle, pro claim this to be some quite extraordinary enterprise. The workmen look like millers so coated do their clothes become with the flying white particles, and every one wears a patent muzzle in order to circumvent the bad effects which the dust would otherwise



electro-magnet and held it near the mass. little dark grains separated themselves from the heap and scurried across like so many black ants to the spot over which the magnet was held.

coast. It was due to the erosion of Connectia valuable product. On the basis of his find he evolved his famous magnetic-ore accurating machine, which he exhibited at the hast Paris exposition. Them he let out the hast Paris exposition. Them he let out the privilege of using it to a contractor.

of putting it aside when suddenly he became possessed of an idea. He procured an overhead wires to the various points of the overhead wires to the various points of the plant. Lattle narrow gauge locomotives move about to the various parts of the works. A line of freight cars runs slowly through the place, and on a nearby hill a troup of noisy children come romping down from Sum-merville, a hamlet where the miners live. The little ants were really grains of iron merville, a hamlet where the miners it ore and, strange as it may seem. Edison had Over to the right of the village, lumbers discovered a bed of finely divided ton ore cast up by the sea. This sand covered the shore in spots for fifteen miles along the away at the rocks half a mile distant. away at the rocks half a mile distant. Further over, on a half-cleared section of est rocks by water for magnetite is one of the constituents of the primal rocks found in Connecticut. Ectson calculated that the deposits must contain millions of tons of iron which, if it could be smelted would become dynamite resounds when the rock is river

ten tons of free rock a minute, the local activity is tremendous. Flat cars carrying two skips each, move along at lively speed A long line of them is constantly leading up to the crushing plant, where big electric cranes rid them of their load and a little switching engine pushes them around a loop and allows them to run down an incline into the cut again.

the cut again. MAKING A YOSEMITE OF HIS OWN. MAKING A YOSEMITE OF HIS OWN.
Edison is found watching the steam shovel.
"We are making a Yosemile of our own here.
We will soon have one of the biggest artificial canyons in the world." This remark is occasioned by the fact that the steam shovel is working three-quarters of a mile from the works proper. It is somewhat down the hillefde, but it is eating its way on a level stratent into the hill. straight into the hill.

straight into the hill.

"It will take us a year to reach the mills, but when we do get that far in we will have a treuch with walls 100 feet deep. I suppose we will take out over 600,000 tons of rock before we get there. Then when the treuch is completed we can biast off the walls with dynamite, taking off 32,000 tons at a time."

As intimated above, the ore bearing rock is biasted into boulders and then laid on flat cars with a steam shove! It is then core-

flat cars with a steam shovel. It is then con veyed to the crushing plant. The cars are run in under each end of the crushing mill. The trays containing the rock are lifted by the cranes to the second story of the mill, where the rock is dumped into a large square pit. Ten feet below the edge of the pit revolve immense iron rollers weigh-ing 100 tons. The surface of these rollers tween them is less than a foot wide. Nev ertheless a six-ton rock dropped into the pit passes between the rolls in less than three seconds. Far down beneath these rolls is another set of similar size, but nearer together. From the heavy rolls above the rock falls into this lower set and is crushed still smaller. It has now been reduced to pieces the size of a man's fist and from the lower set of rolls drops into an elevator or endless conveyor, which carries the pieces up to the top of another part of the building and dumps them into a shaft leading down to three more sets of rolls, directly beneath one another As the rock passes through these rolls the latter are found to be placed nearer and nearer together until with the last or third set the two rolls composing it are set tightly

sarily have to be much greater than it is, and at the same time the shock of the obstruction coming between the rolls would jar the engine to pieces in a short time. In fact, it may be said that the work of ore separation would not be a commercial success were it not for the utilization of three natural forces—momentum, magnetism and gravity; momentum to crush the rocks, gravity to take the place of expensive machinery in separating the

A MILE OF MAGNET FACES. One of the features of "Edison," the place is the great number of endless chain eleva-tors which connect the buildings with one another. As the ore passes through each building it is carried on to the next auto-matically in these endless elevators. After it leaves the crushing plant it is carried to the top of the magnet house and dumped into space, to find its way through man sieves of varying meshes and past man magnet faces of varying strength before i ultimately falls in the cellar of the build ing and into another elevator which carrie the greatly changed product to the next department. There is over a mile of magnet

of ore from the sand.

Don't turn around every time you hear somebody whistle---

Ask and Answer this Question Yourself

Ought not the Orchard & Wilhelm Carpet Co., with all their buying and selling facilities, be able to give the best values at the lowest price in all the different lines that go to furnish a house?

Couches

Box Couches, with deep box extending just the thing to lay out dresses in-upholstered in muslin-all spring edge-

Another Box Couch-upholstered in enim-box plate flounce-\$15.00. Wide wale corduroy High Head ouch-\$9.75. Rococo Couch, new shape frame, ve-

our covering-\$18.00. Very fine calfskin leather large Couch-in any color-made with diamond tufts and cut leather fringemade under our careful supervision and guaranteed by us not to crack-and the springs to stand up under all cir-

Brass Beds

cumstances-price \$37.50.

Full 4-foot 6-inch all brass lacquer Beds-with fancy head and foot-\$24.00. 4-foot 6-inch, 11/2 posts, bow swell foot Brass Bed-best lacquer-\$30,00, An extra heavy full 2-inch post-neavy trimmings, double ball bearing

Our present stock represents by far the best values we have ever offered at prices marked, and includes all the latest and most desirable styles.

Extension Rods

%-inch Extension Rods, extending to 14 inches—complete with brackets—13c. 15-inch Extension Rods, extending to 5 feet-with projection brackets-suitable for lace curtains 25c.

Iron Beds

A full 4-foot 6-inch brass trimmed. the full width and length of the Couch, white enameled Iron Bed, with iron side ralls-\$2.65.

> A better Iron Bed at \$3.60. A much better one-with bow foot-

brass trimmed-\$5.85, The greatest value for the money we have yet shown is a fancy brass trim-

med, brass rail, extended foot-\$6.00. In fine enamel Brass Trimmed Beds we have an especially large line, a line that bas taken the place of all brass beds with a great many users—they come in a great variety of shapes and styles of frimmings, ranging in price from \$8.00, \$10.00, \$12.00, \$14.00 up to \$24.00 for a very heavy 6-post bed.

White enameled, brass trimmed Child's Bed-with woven wire mattres drop side-\$7.75. NEW CARLOAD—NEW PATTERNS LINGLEUMS.

Linoleums

Our sale-or rather calling special at ention to our Linoleums last week ha opened the eyes of Linoleum buyer and has convinced them that Linoleum real genuine oil and cord linoleun cannot be sold for less than 45c. Eng-lish "Linoleum" is not even "oil cloth" in value, and therefore worth what-ever it will "fetch." We have another carload now-new patterns-and we bought it as low as Linoleums can be bought-but we can't sell it for less than 45c-and that's a very low pricelower than can be had anywhere else,

Steel can only be made from ores

has entirely eliminated the phosphorus ele-ment from the ore. It therefore remains

inevitable that this must ultimately become

the only serious method of producing ores from which steel will be made. It would

seem from the prospect that Edisca will become the head of a vast industry, as great

as that brought into existence by the in-

measure more imposing, as it embraces the

production of what in commercial circles is after all the most valuable metal on earth.

In spite of this, however, the man who

appear to have been over-impressed with its

EDISON'S ATTITUDE IN THE MATTER.

Made-up Rugs

ery special prices—an entirely www lo

o go on sale Monday. Moquette Rug-10-6x8-3, \$15.00. Tapestry Brussels Rug-10-3x8-3-

\$11.00. Bigelow Axminster Rug-9-4x6-9 \$11.50.

Body Brussels Carpet and Tapestry Border Rug-10-0x8-3--\$12.50, Moquette Rug-12-0x8-3--\$17.50,

Best Tapestry Brussels Rug-11-6x8-7 Best Body Brussels—12-0x10-6—\$19.00, Moquette Rug—11-6x10-6—\$19.00, Best Body Brussels Rug-17-6x8-3-22.50.

Many others. Bring your measuresit will pay.

Oil Cloth Stove Rugs

Best quality-14 yards square-50c. Best quality-1½ yards square-75c. Zine Binding complete to match-11/4 yards, 12c-11g yards, 15c.

Matting Rugs

Japanese Matting Rugs-2 yards long and a yard wide-35c-a whole lot o different designs-choice 35c.

Coco Mats

To prepare for the sure-to-be-muddy weather we place on sale a lot of Coco Mats at 20c each. Brush Coco Mats at 45c, 65c and 85c.

Combination Book Cases and Ladies' Desks

In onk-mahogany finish-\$4.75. Ladies' Desk-with shelf and drawer→

Ladies' desk with French legs, benu-tiful mahegany finish, 86.75. A very elegant Desk that has been sold heretofore at \$16.50-now \$11.00. Combination Desk and Rookease-with 5 book shelves, fancy cabinet top-with French plate mirror-drawer-oak de

mahogany finish-\$11.50. Then they go up to \$13.50. And up to \$14.50 and \$18.00-and up to \$45.00 for a solid mahogany Combi-

nation Bookcase and Desk. Bookcases—in solid oak—\$5.00. Bookease-with two glass doors-cable

et above-\$9.50. We have other Bookcases-all sorts of shapes, styles and prices.

Book Racks—suitable either to stand or hang on wall.

Stand Covers and Pillows

Crepe Stand Covers-30x22 Incheswith fringe-21c. Crepe stand covers, yard square, with Crepe Plano and Mantel Scarfs-with

fringe-35c. Very fine Pillows-covered with crepe, tinged with gill-68c. Down Sofa Pillows-36c.

Orchard & Wilhelm Carpet Co.,

1414-1416-1418 Douglas Street.

performed over 6,600 experiments before he

struck upon the right adhesive material for use in binding the ore together. The bricking machines are simple looking affairs and, for the purpose of comparison, may be said to be just as simple in their faces in the nearest magnet house. The appearance as is the incandescent lamp, ore drops down through long chutes. On the Like the latter, however, they passed



THOMAS A. EDISON AND WILLIAM S. MALLORY (From a Photograph Taken in "Edison," N. J.)

way down it passes the magnet faces. Di-rectly under each magnet face is a side final form was agreed upon. As is usually chute at the bottom of which there is a conveyor, which carries it back to the rolls to at once, be re-crushed. If the product goes through the sieve the magnet draws the ore from

the sand, passing straight down to an elevawhich carries it out of the building and dumps it onto a huge sand pile. The falling sand presents a very beautiwith the great cone already piled up be-neath. Nothing could be more beautiful than this gorgeous cataract of powdered rock falling like a veil, and noiselessly add-ing to the great mass below. Nor is it a useless accumulation. It is sold for various

purposes to builders and manufacturers, who seek it more eagerly than they do the sand of the seashore or of the bank. Seashore or bank sand has, in the course of centuries, lost its edges, because the particles have constantly rubbed against one another. Broken rock sand, however, is very sharp, and for cement and lime-work is very de-

The pure ore is now allowed to drop downward and pass through a room where blowers rid it of any dust which may have accom-panied it on its travels. After leaving the blower room it is really a stream of pure, finely divided iron ore, which drops into conveyors and is carried to a store house which holds 5,000 tons. Here it may rest temporarily, or it may pass on by means of other conveyors to the mixing house. It cannot be smelted in the form of iron dust. The force of the blast would blow it from the furnaces. It must be made into briqettes, and in order to do this it must be mixed with some adhesive substance which will prevent it from disintegrating when brought under the action of the furnace. The mixing machines are huge cylinders in which operate great iron paddles. The ore is fed into the cylinder from the top, and the adhesive material (the nature of which is a secret with Mr. Edison) drops also from come in contact with a due proportion of the adhesive substance. It becomes, in fact, a sticky mass which is pushed out of one end

chute leading off in a direction of its own and the case with inventions of the kind, this directly above each magnet face is a sieve. final form is probably the simplest that As the ore comes down, if fine enough to could be devised, and in view of the cum-pass through the sieve it continues its brous machines which were constructed and course; if not, it rolls off the sieve into a discarded in the course of the evolution one wonders that this form was not thought of

The ore drops into a small orifice in th yllnder. The cylinder then turns so that he hole comes forward and exerts thousand of pounds pressure on the ore, the cylinder then turns downward and the newly made briquette drops out from the hole and falls ful sight. A stream of it simmering and into another endless conveyor, and is carried shining in the sunlight, descends and mixes forward into a large oven, to be baked with the great cone already piled up be. There are thirty bricking machines and fifteen ovens in the plant and a continual atream of bisquettes is circulated through the hot air chambers of these ovens. The conveyors travel five times around the inte-rior of the oven before the briquettes reappear. When they come out, they have un dergone a change which makes them a com mercial product. For instance, they will now mercial product. For instance, they will now absorb gases in the furnace which they are required to do; but they will not absorb water. This condition is necessary so that they may be shipped to the furnaces in open cars. If a stream of water were allowed to flow on a brick, the water would simply run off; on the other hand, if alcohol were dropped on it, it would instantly be absorbed by the brick. This was the point for which Mr. Edison was striving when he made his sixty-six hundred experiments.

WONDERFUL AUTOMATIC ACTION. From the oven the bricks are conveyed to the railroad, where long trains of freight cars await them. The conveyor at this point exicus out over the track, and the engineer of a train has simply to back his cars underceath the mouth of the conveyor. The bricks drop out and the cars load themselves. In fact, this automatic action is the great feature of the plant. From the time the ore ture of the plant. From the time the ore is blasted with its native rock out of the nountain-side until it is loaded in the form of commercial pure from briquettes on the The never ending and never-resting steam of material constantly circulates through the various buildings, crushed by the stored momentum of gigantic rolls; hoisted sky-ward by steam; pulled earthward by gravity secret with Mr. Edison drops are from above, and the whole mass is churned together until every particle of the ore has
come in contact with a due proportion of the hensive lumps, mixed with a due propor-tion of adhesive material; churned, baked counted, and sent flying to the furances by of the cylinder and conveyed away to the bricking house to be made into little fast freight; and not once in its course it is briquettes. It may be said in passing, inasmuch as it throws a sidelight on the char-Only 145 attendants are required to operate

the plant, and these men are after all merely If this place was preserved as a monument completed, Mr. Edison's mind will revert to watchers, to see that the machinery does not get out of order. The crushing capacity of the Edison plant is more than 20 per cent greater than the combined crushing capacity of all the stamp mile of magnet faces has enough pulling power to tear a modern cannon from its state to say that he personification of cencentration of purpose, and with a long-distance pulling power to tear a modern cannon from its state to say that he is planning out some great achievement which will take the world more by storm than the same, the personification of cencentration of purpose, and with a long-distance pulling power to tear a modern cannon from its state to say that he is planning out some great achievement which have the great things he has already accomplished.

THEODORE WATERS. its stanchions, and the great steam shovel can elean out more rock from the mountains side in a given time than any other like the side in a given time than any other like piece of mechanism in the world. Yet sli these great affairs seem as nothing to the overstrated. I doubt if there is another liver to the standard of the proventiated. I doubt if there is another liver to the proventiated to the standard time, we have all learned to respect as being sure to prove right in the end. And what has been great affairs seem as nothing to the it all. Edison moves about among his men with not the slightest consciousness of laving done anything great. It will be but a question of time when the little plant on the hilltop will be the center of the great iron industry of the east. The pockets of ore from which the United States has drawn its chief supply are rapidly becoming exhausted. There is it was be underwised. its chief supply are rapidly becoming ex-hausted. There is, it must be understood, at least, is the spirit that prevails." plenty of iron ore in the country, but it is not the kind of ore from which steel can be

That this is the spirit which pervades the community can be easily seen by any one in which the per cent of phosphorus is very small. Edison, with his crushing process, of the percent class. Far over on the other of the poorer class. Far over on the other side of the mine stands the "White House."
It is a little dwelling in which Edison lives with his chief men. At intermediate spots stand the shantles in which live the workmen of the intermediate class. But from all of these dwellings comes a reverence for the master which is quite as strong and he moves among them all, none of them can is constantly planning, but they all know it is for their good and for the good of the world at large. No man has done more than Edison to benefit his generation. He essentially is the man of his time. Other importance. His position in the matter is men may do great things in the time to well summed up by Mr. W. S. Mailory, his come, but whatever these things may be they "I want to say," says Mr. Mallory, "and inventions. His old duster and his oldest I know whereof I speak, for I have been straw hat can be seen flitting hither and with him night and day for several years, thither about the works, their owner apthat 9a per cent of the credit of all the in-vention and new work of this establishment ordinary; but the constant suggestions which is due personally to Mr. Edison. I have he makes to the heads of the various de-heard it stated that Mr. Edison is an or-garizer for the brains of other mon. Nothing never inactive. The present enterprise was

Porns and all Skin Eruptions, and positively cures Piles or no pay required. It is guaranteed to give perfect satisfaction or money refunded. Price 25 couls per box. For sale by Kuhn & Co.

FIND PROFIT IN SEIGNIORAGE.

Counterfeiters Make Better Dollars Than the Government. ST. LOUIS, Oct. 30.—Counterfelt silver dellars of greater weight and fineness than these turned out from Uncle Sam's mints who visits the place. Up on the hilltop, in | are the latest, and St. Louis is the first city to suffer from them. For the last week St. Louis bank tellers have been accepting the counterfeits in question without hesitation. It was only when they reached the St. Louis subtreasury that their spurious character was detected. United States Treasurer Small sent one to the director of the mint for assay. He received a reply in which the statement was made that, although the assay had not been completed, there was no doubt that there was more pure silver in the counterfeit than in a genuine coin, and that its fineness exceeded that of the genuine. According to Colonel Small, the coins weight 13½ grains more than the genuine, which weighs 41214 grains. Its fineness is 94 per cent, while

that of the genuine is but 90 per cent. Highwayman Killed His Companion. AURORA, III., Oct. 30.—Peter Braun, merchant of this city, was shot and instantly killed late last night by a highwayman. Two things at acked Mr. Brau and in the scuiffe one of them sent a built through his partner's body also, ending bille. Seeing his mistake he fled without taking the proceeds of the day's busines from the pockets of Mr. Braun. The dealighwayman has not been identified.

bould be further from the truth than this. planned years ago, and now that it is finally | American Lady Corsets are the Best.

