CHANGES THAT WILL BE MADE

By the Crowning Effort of a Long Series of Inventions.

FEATURES OF INDUSTRIAL INTEREST

Abram Reese, Pittsburg's veteran inventor and iron manufacturer, has, after many years of work, worry and anxiety, solved the problem of successfully operating a three-high rolling mill. This invention means a great saving to the manufacturer, and although the model has been on exhibition only a few days, nearly all of the prominent iron and steel men of Pittsburg have viewed it. The verdict of them all is that the problem has been fully solved.

For the past 20 years the old two-high mills have been in vogue. They have always been cause of trouble and expense. With them it was necessary to have a reversible engine, for when the iron passes through once the machine stops and the engine has to be reversed before the rail can be put through again. To roll a rail on these machines it takes on averages about 20 passes. It can easily be seen how time is lost. This and the engines necessary to run the mill makes it very expensive.

Features of the New Design.

The new invention does not need to be reversed, but when the rail passes through the one roll it only needs to be started through the other. The machine does, not need to stop. It rolls the bar on the flat and edge on both passes. The capacity is in-creased 100 per cent by this mill. The cost is about one-half that of the two-high machine. This is largely on account of it not being necessary to use a reversible engine. Another great feature about the three-high is that it is only necessary to turn a little wheel to change the mill, while on the two-high eight different screws have

to be set every time.

While the idea of the three-high mill is not a new one, it has never been worked out with entire success until now. Its in-ventor is well known in Pittsburg and in fact all over Western Pennsylvania. In 1832 he came from Wales to America, and the ship which brought him here also car-ried the first cargo of iron rails ever brought into the United States. From the time Mr. Reese was 12 years old he has been engaged in the iron and steel business. His first salary was 25 cents a day, and from that position he worked his way up through all the various departments of this great in-dustry until he got to be a builder and man-ager of iron and steel works.

A Long List of Inventious.

A Long List of Inventions.

All through his career his mind kept constantly turning toward inventions. From time to time he would turn up with some device which would be a great benefit to the iron and steel business, but, like Williard's "Middleman," he was never the gainer. After months and maybe years of work he would bring out some new model, which would be quickly gathered up by the industrial world and the benefits would be reaped by others. A year ago he invented a machine to be used in a beam mill, and that was the first thing he ever realized on. That netted him \$17,000. He has great hopes on his last invention, which is the crowning achievement of his life. William P. Shinn is associated with him in putting the machine in operation.

P. Shinn is associated with him in putting the machine in operation.

Mr. Reese is now hovering around the age of 70, but his step is firm and his eye just as bright as ever. In speaking of his age, he said: "I consider myself young from the fact that my father, William Reese, of Bolivar, is still living at the age of 104, with the prospect of 15 additional teams and is a better machine. years, and is a better man than myself.

It is altogether probable that Mr. Rees will not let his inventive genius grow rusty, but the world will still be reminded of him by the new productions of his brains and

Promotions at Homestead. During the past few days a number of

changes or promotions have been made in the heads of departments of the Homestead works. These are as follows: Joseph Skewis, who for a number of years has been manager of the Bessemer department, will take charge of the new beam mill. Taylor Alderdyce will succeed Mr. Skewis. Nicholas Rattigan, who was superintendent of the converting mill, will succeed Mr. Alder-

The Manufacturers Want It. Vice President Byers, of the Philadelphia Company, denies that the company has made a proposition to supply the iron manufacturers with gas during the summer months at a greatly reduced rate. Such a proposition may be made, and if it is it will be halled with delight by the manufac-

The Keystone to Start Again. The Keystone Rolling Mill which shut down tast week for repairs will start this week. The plate mill will be the first in operation and the bar mill will follow as

soon as the improvements are made. The mill will then be run steady, as there are a number of large orders in. Brick Manufacturers Will Banquet. The Brick Manufacturers' Exchange of Western Pennsylvania will hold its annual

banquet in the Duquesne Hotel to-night. It promises to be one of the most interest-ing events of the season. The toasts will all be on timely subjects and in the hands of able speakers.

A New Car Wheel Company. The Pittsburg Car Wheel Company was

Mercur, Buffalo, and C. L. Magee, Pitts-Coal Meeting Postponed. The meeting of railroad operators to dis-

cuss coal rates to the lakes has been post-poned for a week. It was to have been held at the Monongabela House yesterday. The Scale to Be Arranged.

The river coal operators will meet this morning at the Coal Exchange to arrange the summer scale for the coming year. It

Good Cooking

will go into effect May 1.

Is one of the chief blessings of every home. To always insure good custards, puddings, sauces, etc., use Gail Borden "Eagle" Brand Condensed Milk. Directions on the label. Sold by your grocer and druggist.

A Suggestion.

We wish to make a suggestion to persons troubled with rheumatism. Try a few applications of Chamberlain's Pain Balm. If that does not bring relief, dampen a piece of flannel with the Pain Balm and bind it on over the seat of pain. The first applicaby its continued use many severe cases have been permanently cured. Fifty cent bottles for sale by druggists.

B, & B, Center counter-French wool vigones, embroidered figure, 50c; imported to retail

Boggs & Buhl. ALL horses guaranteed at the Arnheim auction sale. You need not to be a judge to

at 75c-only a day or two to sell these.

Mr. Gilleland Goes to Millyale in Search of an Assistant Postmaster.

offered the assistant postmastership, which was refused by Superintendent Morrow, to George W. Mackey. Mr. Mackey lives at Millvale, and is assistant superintendent in the registry department of the Pittsburg office. Mr. Mackey has not yet decided to take it, though he is thinking seriously of doing so, according to the statements of some of his friends. When he was asked some of his friends. When he was asked about the offer yesterday, he professed with a bland smile not to know anything about it. It was news to him. It is urged that the appointment of a Millvale man would stir up the jealousy of other employes in the office, and Mr. Mackey would not find his path strewn with roses in the new position. The claim is made that Mr. Gilleland should select someone who is a resident of Allegheny. In the Pittsburg office Mr. Mackey works under the civil service rules, and his job does not depend on a change in postmasters. Some of his friends think he will be foolish to give up a permanent position for one as unstable as the assistant postmastership of Allegheny.

Mission Work in India.

Bishop Thoburn, who represents the M. E. Church in India, was given an informal reception in the Old Brimstone Church yesterday. He went to India from this conference 32 years ago. He is back now trying to raise \$30,000 to carry on his work which is training the natives to preach. He says a great work has been done since be says a great work has been done since he went to India. The church is trying to break down caste and lift up the poor. There are 50,000,000 low caste people in India, and they are being converted rapidly. It is very difficult to get the people to observe the Sabbath. In 1891 they had 19,000 converts. The Bishop has appointed 1,000 men and 500 women as preachers. He said they need pens, paper, slates, pencils, etc., for their schools. He added that he wanted to educate 1,000 children and send out 200 native ministers this year. It will cost \$15,000 to do it.



A needy woman
—the one who's
overworked, nervous, and debilitated. What she
needs is Dr.
Pierce's Favorite
Prescription. It's
made exactly to
fit her case—an

a soothing and strengthening nervine, giv-ing tone and vigor to the whole system. But it isn't a mere stimulant. It's a legitimate medicine, that an experienced physician has medicine, that an experienced physician has carefully prepared, for woman's ailments. All the functional derangements, chronic weaknesses, and painful disorders peculiar to the sex, are corrected and cured by it. And because it's a certain remedy, it can be made a guaranteed one. If it fails to give satisfaction, in any case, you have your money back.

You pay only for the good you get.

The best pill costs less than any other. Costs less, but does more. They're smaller, too, and easier to take. Dr. Pierce's Pleasant Pellets are the best pills. They regulate perfectly the liver, stomach, and bowels.

Great Keys

Such as St. Peter carried in pictures, and the rest of us carried in discomfort, went suddenly out of use on the introduction of the famous "YALE" locks. Then some happy people jumped to the conclusion that any small key meant a "YALE" lock. Not so. It's easy to make a worthless lock with a little key, and it takes less metal. Your protection lies in one word. See that "YALE" is stamped on every Key. If that is there, security is there also. Sold wherever locks sell

HAVE YOU TROUBLE in getting lenses to suit the eye, or Frames to fit the face? Our system assures perfection in both.
LITTLE, THE OPTICIAN,
511 Penn Avenue

J. O. FLOWER, Dental Office 487 PENN AVB.

AMUSEMENTS.

THE ALVIN THEATER. CHARLES L. DAVIS.... Owner and Manager To-night 8:15. Matinees Wednesday and Saturday.

MISS Operatic Comedy in 3 acts by David Belasco, Music by Andrau.

As given 116 nights in New York.
Full of vivacity, sparkle and novelty. HELYETT

Reserved seat sale opens next Thursday for the Farewell Engagement of MME. SARAH BERNHARDT,
Under the direction of Messrs. Henry E.
Abbey and Maurice Grau.
Monday evening, March 21, LA TOSCA.
Tuesday evening, LEAH, the Forsaken.
Wednesday evening, FEDORA.
Thursday evening, CAMILLE.
Friday evening and Saturday matinee,
CLEOPATRA.
Saturday evening, March 26, Farewell Night



FREDERICK PAULDING

GRANDS

chartered yesterday. It will have a capital stock of \$30,000. The directors are P. H. Griffin, P. G. Smith, J. H. Fleming, R. J. KAUVAR

TO-NIGHT. PRICES 15c, 25c, 50c, 75c. Matinees Wednesday and Saturday,

25c, 50c Reserved. Next week—O'DOWD'S NEIGHBORS.

HARRIS' THEATER-Mrs. P. Harris, R. L. Britton, T. F. Dean, Proprietors and Managers. Every afternoon and evening. The beautiful Irish Drama.

THE IVY LEAF.

Week March 21—Thos. E. Shea.

mhli-97-rrs

Tonight; matinees Tuesday, Thursday and Saturday.

ROSE HILL'S ENGLISH

FOLLY AND BURLESQUE COMPANY.

mhib-26

SECOND ANNUAL DOG SHOW, DUGred and fifty dogs on exhibition.
AUDITORIUM, PENN AVE. and SIXTH ST.,
March 15, 16, 17 and 18.
S.000 IN CASH PREMIUMS.
PROF. BURTON'S CELEBRATED
TROUPE OF TRAINED DOGS.

Exhibitions afternoons and evenings. Open daily 8 a. m. to 10 r. m. Admission,day-time, 25c; night, 50c. mhl5-104

OLD CITY HALL
Schubert Male Quartette, of Chicago, supported by Miss Eugenia Baldwin, soprana; Miss Ida Clemens, reader; Miss Louise Roman, accompanist. Reserve seat sale begins Thursday, March 17, at Lechner & Schoenberger's, 69 Fifth ave.
Tickets, 50 and 75c. mh15-30

OLD CITY HALL-D'ALBERT.

Monday evening, March 21, 8 o'clock. Only Piano Recital by the Renowned Virtuoso, EUGENE D'ALBERT, under the management of C. A. Ellis. Brilliant Programme. Tickets, with reserved seat, at \$1 50 and \$1. Saic opens Wednesday, March 16, at \$1. Hamilton's Music Store, Fifth avenue. Knabe planos used at all D'albert's concerts.

OFFERED TO GEORGE W. MACKEY.

Postmaster Gilleland, of Allegheny, has

PRICES AND

NEW ADVERTISEMENTS.

723 AND 725 LIBERTY STREET

Corner Eighth, Head of Wood St. PRICES ALWAYS THE LOWEST

OUR SPECIAL OFFERS THIS MONTH

TERMS.

With every credit sale on which a \$10 payment is made we give an elegant BRASS LAMP WITH DUPLEX BURNER. -:- -:- -:-

We still have a few of those CONSIGNED CHAMBER SUITS left that are worth \$18. They go for \$10 cash, but only on FRIDAY MORNING, between the hours of 8 and 12 o'clock. -- -- -- -- -- -- --

> See our 7-piece Chamber Suit at \$20. See our 6-piece Parlor Suit at \$30. See our stock of Velvets and Moquettes.

See our Carpets at 50 cents per yard. See our Ten-Dollar Extension Table. See our large stock Leather Chairs.

CASH OR CREDIT.

COR. EIGHTH, HEAD OF WOOD STREET.

A Spring Overcoat exhibition extraordinary.

Please accept a special invitation to inspect a quantity of handsome Overcoats-ready to put on. The perfection attained in production of Overcoats, ready made, is to sell a high degree—that you no longer need to have it made to your measure.

Several hundred now on exhibition at our Clothing Parlors. The best silk-lined, finest imported Kerseys and Venetians, \$20—the kind always sold at \$30. Elegant Black Kerseys, \$12. The lowest \$10.

It is worth your while to see this beautiful display.

39 SIXTH STREET, Hotel Anderson Block.

SELECT YOUR

SPRING FURNITURE

While our STOCK is NEW and COMPLETE. Never before have we shown such a large assortment of Chamber Suits, Parlor Suits, Couches, Mantel Cabinets, Hall Racks, Chairs, Sideboards and Tables. If you want a single article of furniture it will pay you to examine our stock. PRICES-Well, we have made them right. Come and see for yourself.

JACOBS & M'GILVRAY,

51-53 FEDERAL STREET, ALLEGHENY.

NOTICE.-We are agents for the "Windsor Folding Beds."

NETHERLANDS LINE.

SAILINGS FROM NEW YORK:
March 18, 9 a. M. Saturday, WERKENDAM.
March 28, 3 P. M. Saturday, WERNDAM.
Steamers marked 'sail to and from Amsterdam;
all others to and from Rotterdam.
From Pier, foot of Pirith street, Hoboken.
First cabin, \$45 to \$55; second cabin, \$36. Reduced excursion tickets. Steerage at low rates. For illustrated guide and passage apply to JOHN J.
MOCORMICK. \$9 Smithfield street; LOUIS MOESER, 516 Smithfield street; LOUIS MOESER, 516 Smithfield street; MAX SCHAMBERG & CO., \$27 Smithfield street.

STEAMERS AND EXUSIONS.

AMERICAN LINE.

Salling every Wednesday from Phitadelphia and Liverpool. Passenger accommodations for all classes unsurpassed. Tickets sold to and from Great Britain and Ireland, Norway, Sweden, Denmark, etc.

INTERNATIONAL NAVIGATION CO., General agents, 305 Walnut st., Philadelphia. Full information can be had of J. J. McCORMICK, 639 Smithfield street. LOUIS MOESER, 616 Smithfield street. mh844-rrs

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CUNARD LINE—NEW YORK, AND LIVERV POOL, VIA QUEENSTOWN—From Pier 40,
North river. Fast express mail service.
Servia, March 19, 9 a.m., | Servia, April 16, 8 a. m.
Etruris, March 20, 3 p. m. | Etruris, April 20, 2 p.m.
Aurania, Apr. 2, 9:30 a.m. | Aurania, April 30, 8 a.m.
Umbria, April 3, 3 p. m. | Umbria, May 7, 2 p. m.
Cabin passage, 500 and upward, according to location; second cabin, 35.
Steerage tickets to and from all parts of Europe
at very low rates.
For freight and passage apply to the company's
office, 4 Bowling Green, New York. VERNON H.
BROWN & CO., General Agents, or CHABLES P.
SMITH, Third av. and Wood st., Agent for Pittsburg, Pa.

STEAMERS AND EXCURSIONS. STEAMSHIP TICKETS TO AND FROM all parts of Europe, drafts, money orders, cable transfers and foreign coin at lowest New York rates. MAX SCHAMBERG & CO., No. 527 Smithfield st., Pittsburg, Pa Established in 1866.

New York, Queenstown and Liverpool, From New York every Wednesday. City of Paris and City of New York, 10,500 tons each, City of Berlin, City of Chicago, City of Chester.

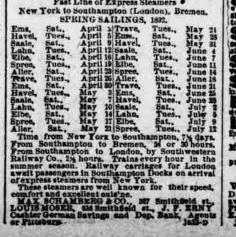
PROM NEW YORK: City of Berlin, Wednesday, Mar. 16, 7:30 A.M. City of New York, Wednesday, Mar. 23, 12 noon City of Chicago, Wednesday, Mar. 20, 7:90 A.M. City of Paris, Wednesday, April 6, 12:30 P. M. For rates of passage and other informa-

FOF Tales of passing of the form of the fo Norddeutscher Lloyd Steamship Company.

Fast Line of Express Steamers •

New York to Southampton (London), Bremen.

SPRING SAILINGS, 1892.



INMAN LINE.



NEW ADVERTISEMENTS.

Cures Rheumatism, Gout and Lumbago. Hear How a Prominent Man Was Cured of Rheumatic Gout.

New York, January 16, 1892. leKinnie & Chessman Manufacturing Company, Pittsburg, Pa.: Company, Pittsburg, Pa.:

Gentlemen—I have had rheumatic gout for many years, and never received any permanent relief until I obtained a bottle of your "Rheumacura." After taking it two days the swelling in my feet and legs had all gone down and I was free from pain.

I am chief cook of the Plaza Hotel, New York, and necessarily on my feet all the time, but since taking your medicine have no more trouble. I am surprised at the wonderful change it has produced on me. I shall always be grateful to "Rheumacura."

Refer everybody to me who may be similarly afflicted, as I feel I cannot say too much in its praise.

Very respectfully yours,

FERNAND FERE,

Plaza Hotel. Fifth avenue and Fifty-eighthFifty-ninth streets.



It is conceded by all parties that our old Export Whisky is the finest bottled goods now sold. No improvement could be suggested. As a pure medicinal family whisky it has no superior. Bottled only by ourselves when fully ripened by age.

Quarts \$1 each, or six for \$5. Mail orders solicited. Prompt attention assured.

JOS. FLEMING & SON,

Wholesale and Retail Druggists, 412 Market street, Pittsburg, Pa. mh6-rrssu

BUY YOUR SPECTACLES AT The Reliable Optician. Eyes Examined Free.



EPPS'S COCOA. articles of diet that a constitution may be gradually built up until strong enough to resist every tendency to disease. Hundreds of subtle maladies are floating around us ready to attack wherever there is a weak point. We may escape many a fatal shaft by keeping ourselves well fortified with pure blood and a properly nourished frame. "-Uvil Rervice Gastte. Made simply with boiling water or milk. Sold only in half-pound tins, by grocers, labelled thus: JAMES EPPS & CO., Homosopathic Chemista, Loudon, England.

GRATEFUL-COMFORTING.



KIDNEYS, Bladder.
The Swiss Stomach Bitters are a sure cure for Dyspepsia, TRADE MARK Liver Complaint and every

TRIDE MARK Liver Complaint and every spacies of indigestion.

Wild Cherry Tonic, the most popular preparation for cure of Coughs, Colds, Bronchitis and lung troubles.

Either of the above, \$1 per bottle, or 6 for \$5. If your druggist does not handle these goods write to WM. F. ZOELLER, sole M'f r, Pittsburg, Pa. ju2-5; TTS



WARMER OR COLDER, RAIN OR SHINE

WM. L. STIEREN, 544 Smithfield St.



L. DÖÜĞLAS S3 SHOE GENTLEMEN
THE BEST SHOE IN THE WORLD FOR THE MONEY?
It has earnies shoe, with no tacks or wax thread to hurt the feet; made of the best fine calf, stylish fand easy, and because we make more shoes of the greate than any other manufacturer, it equals hand newed shoes costing from \$4.00 to \$5.00.

\$5.60 Genuine Hand-sewed, the finest calf the shoes who have the stylish comfortable and durable. The best shoe ever offered at this price; same grade as custom-made shoes costing from \$6.00 to \$12.00.

\$4. stylish, comfortable and durable. The best shoe ever offered at this price; same grade as custom-made shoes costing from \$6.00 to \$2.00.

\$3.50 Pelice Shee; Barmers, Railrond Men and Letter Carriers III wear them; fine calf, esamiens, smooth inside, heavy three soles, extension edge. One pair will wear a year.

\$2.50 fine calf; no better shoe ever offered at the price; one trial will convince those who want a shoe for comfort and service.

\$2.25 and \$2.60 Werkingman's shoes who want a shoe for comfort and service.

BOYS \$2.60 and \$1.75 shool shoes are worn by the boys everywhere; they sall en their merits, as the increasing sales show.

Ladies \$3.60 Hand-sewed shoe, best landers \$3.60 Hand-sewed shoe, best imported shoes costing from \$4.00 to \$4.00.

Ladies \$3.60 Hand-sewed shoe, best landers \$3.60 Hand-sewed shoe, best shoes are the best fine bongon, everywhere; they sall price are stamped on the bottom of each shoe.

ET TAKE NO SUBSTITUTE.

SPRING STOCK

Is now ready, and those who would choose their new outfits from an entirely new, unbroken and most extensive assortment, will make their purchases right now. There's nothing gained by waiting, and much may be lost. The best things are always captured by the early buyers, and why can't you be as early as your neighbor?

NEARLY 1,100

And, gentlemen, this

vast variety includes

most of the desirable

and fashionable shades,

Cassimeres, Cheviots,

Corkscrews, Serges,

olors and materials.

Checks, Plaids, Stripes, Mixtures, Pinheads,

grades were made for

the express purpose of

taking the place of mer-

chant tailor garments

costing double and treble

the prices of the former.

Fine Spring Suits at \$6,

\$8 and \$10.

Finer Spring Suits at

\$12, \$15 and \$18.

Finest Spring Suits at \$20, \$22 and \$25.

Many of the fine

Worsteds, Diagonals,

OVER 600

And all sizes of each style. More capital invested in this one item alone than the value of the entire stock of many clothing houses. And this enormous scale of manufacturing and buying means prices for our patrons as low (if not lower) as the smaller dealers themselves must pay for the same goods.

Fine Spring Overcoa's at \$6, \$8 and \$10. Finer Spring Overcoats at

Finest Spring Overcoats at \$20, \$22 and \$25.

\$12, \$15 and \$18.

If You Want Your Spring Suit Made to Order

Patronize a tailor who is known to turn out first-class garments only. Don't go to the cheap Johns of the trade. Far better get a ready-made Suit and be done with it. But, if you wish to leave your measure for SOMETHING PERFECT in fit, make and style, call and see our grand stock of finest imported Spring Woolens from which we are prepared to make

These prices, remember, stand for best materials, best trimmings, best

make, best fit. THE BEST, in every instance, or no pay. KAUFMANNS'

Fifth Ave. and Smithfield St.

A GREAT CHANCE TO INVEST MONEY WELL.

More houses are needed to accommodate the people in the growing city of

KENSINGTON.

The unprecedented growth in population makes a scarcity of houses.

Dwelling and Business Houses can be rented or sold to the best advantage as soon as com-

Investors and Builders are invited to make a visit to Kensington and investigate this opportuni-

· Liberal arrangements will be made with such, particularly those who erect buildings at once. Free railroad tickets furnished there and re-

turn. Salesmen always on the ground. The Burrell Improvement Co., Rooms 30, 32 and 34, No. 96 Fourth Avenue.

REMOVAL THE BURRELL IMPROVEMENT Co., operating the KENSINGTON properties, will remove their offices on April 1 to 79 Fourth avenue, Hostetter building, in room lately occupied by the Fort Pitt National Bank.

mh14-30-wwr

GOLD SPECTACLES AND EYE-GLASSES.

We have just received a consignment of 360 pair of Solid Gold Spectacles and Eye-Glasses, which we will offer at \$3 each; the regular prices for same are \$5 and \$6. The lenses are the best Russian pebble, and we will examine the eyes and fit the glasses free of charge.

SMIT'S, SOLE AGENT FOR CHEMICAL DIAMONDS,

COR. LIBERTY AND SMITHFIELD, AND 311 SMITHFIELD ST.