EVERY DAY SCIENCE.

An Invention for Producing Pure Hot Air Direct From Coal.

SPECTACLES AS A PREVENTIVE.

Cables for Street Cars Superseded by Electricity at Omaha.

AN AUTOMATIC BATH TUB PATENTED.

(PREPARED FOR THE DISPATCH.)

A most valuable invention has just been successfully tested in London, England; it consists of a mode of producing perfectly pure air from the combustion of coal. Not a trace of smoke or fume was visible; not a taint of any kind was perceptible to the taste or smell. The stream of air was allowed to fall full on the faces of the visitors, but save in the matter of temperature it affected neither the eyes, the throat nor the nostrils. As a proof of its purity, some choice tea which had been saturated with hot water was placed in the hot-air current, and when redried was pronounced by an expert to be wholly free from any imparted taint or taste. In order to show the character of the products of combustion before being submitted to the fiery ordeal the fan was stopped, and a dense cloud of thick smoke rose up from the coal in the feed chamber, charged with suffocating fumes. On restarting the fan it was quietly drawn in again, but not a sign of it appeared at the exit from the fan, and the air when inhaled was as pure as ever.

The stated theory of the inventor with regard to this phenomenal combustion is that the water contained in the coal is decomposed into oxygen and hydrogen, and that the hydrogen in burning adds to the heat of the resultant air, while the oxygen, reinforced as it is by that obtained by the large volume of fresh air admitted at various inlets, decomposes and purifies all these products. But whatever the theory may be, the fact remains that it is not only possible, but easy and economical, to obtain the utmost amount of heat from coal without any deterioration of the atmosphere.

Care of the Eyes.

It is a point of the first importance that any weakness, defect or uneasiness of the eyes should not be neglected, but that the oculist should be at once consulted. Headaches which come on a tet sewing, reading, watching a play or otherwise using the visual organs in a special direction for a period of time are usually the direct results of ocular defects. Neuralgia, dizziness, mental depression, melancholia, St. Vitus' dance, and even epilepsy, have been shown to be directly dependent in certain cases upon refractive errors for their causation. Out of nine cases of epilepsy in which there were optical defects, recently experimented upon, four cases were positively cured by correction of the defects. Two of the cases were entirely relieved for periods of four and six months respectively; in another case the fits were greatly reduced in number during a given period of time, after the application of proper spectacles; while two cases were not influenced by glasses. Recurring styles are not infrequently due to some optical defect, and when thus occasioned they are to be cured, not by pulling out the lashes, but by having the defect corrected. To some people glasses are a revelation, revealing powers and beauties of vision never before known to exist. Glasses not only increase the power of vision and greatly relieve the work of the eye, but they actually prevent the occurrence of certain diseases of the eye, and of reflex affections in other parts of the body, and effect the preservation of good vision throughout life.

Shoulder Straightener.

The disciples of physical culture have just received a most useful addition to their paraphernalia. The importance of the correct training of the human figure in early years is now more than ever recognized, and a new invention by Mrs. Vincent Glass, one of the best known of the fashionable teachers of calisthenics, in London, England, is so simple and sensible that it is likely to be largely used. It is more especially intended for training the figures of children, particularly between the ages of 6 and 17, and cultivating an erect carriage. It is to be worn outside the clothes exclusively for educational purposes, and only during the hours children are at work. The device is essentially a short leather pad, in three pieces, which is strapped firmly to the back. For men a contrivance on the same principle can be easily extemporized in stout broad webbing, such as is used for fastening Venetian blinds together; but for young children and girls especially, this would not be desirable, because it would cut the arms, a contingency avoided by the rounded straps in Mrs. Glass's ingenious contrivance.

Increased Safety of Ocean Steamers.

The investigations into the accidents which have befallen ocean steamers of late have served to establish the fact that the standard of construction of ocean passenger ships has markedly improved in recent years. The ultimatum of the Court of Inquiry on the cause of the accident to the City of Paris was that the completeness and efficiency in all respects of the ship for the service for which she was especially designed was beyond criticism; and they add the significant statement that during the course of the inquiry they have had evidence that even if some of the forward compartments of the ship had been filled with water, in addition to those filled, she would still have had a fair amount of freeboard and been able to float. The inquiry into the accident to the City of Rome also resulted in a warm official commendation of the construction of the ship in its relation to the safety of the passengers, and its trustworthiness under all ordinary conditions.

A Boon to Smokers.

Many attempts have been made to so improve pipes and cigar holders that the unpleasant biting sensation on the tip of the tongue could be obviated and the nicotine prevented from entering the mouth, but, so far, with but indifferent success. A Scotchman, it is claimed, has now solved the problem. His method is to provide a hollow ball with a short tubular or slotted stem attached to it, which is inserted in the usual orifice in the mouthpiece of the pipe or cigar or cigarette holder, so that the smoke shall pass out through the tube or slotted stem and upper slotted part of the ball, and the tongue shall rub against the ball in the mouth of the orifice, and thus prevent the saliva of the mouth from going or working back in the mouthpiece.

Curiosities of the Patent Office.

The records of the Patent Office show some most remarkable devices. Among the instances of this lately quoted is an automatic bath tub which starts the hot and cold water at a given time in the morning, maintains exactly the right temperature by a thermostatic arrangement, rings a bell when the bath is ready, and two minutes later suddenly drops the sleeper's pillow and turns him out. On the principle that prevention is better than cure, another genius has devised an "illuminated cat." This animal is built of pasteboard, and made luminous with phosphorus, and her steady glare through the livelong night fills the souls of the rats and mice with dismay.

Electricity Superseding the Cable.

A change which is strongly suggestive as indicating the tendency which is now being markedly shown in regard to the street railway traction of the future, has been made on a street railway line in Omaha, where the cable has been superseded by electric cars. The company has tried both modes of propulsion, and finds electric motors are cheaper to work and in almost every way preferable to the cable.

Greek Fire.

The secret of the composition of Greek fire was carefully guarded by the Greeks, and its effects were much magnified by the ignorance of the soldiers and sailors. It was said to be inextinguishable itself, and to impart the same quality to everything it touched. It was also said to burn downward as well as upward, which was in those days considered an extraordinary phenomenon. Though nothing positive has come down to us regarding the exact composition of this fire, Commander Barber, who has recently made a special study of gunpowder and kindred materials, inclines to the opinion which is encouraged by the researches of modern chemistry, that the essential ingredient of this baleful fire was saltpeter. Its hissing, flaming and roaring in the air, which were among its most frightful qualities, would thus be accounted for; and as saltpeter contains its own oxygen, it is almost inextinguishable when combined with carbonaceous matter.

Bees Getting Drunk.

A singular phenomenon is described in a Scotch journal. A particular species of willow trees was in flower, and attached to these blossoms (which resembled an old-fashioned bottle brush) were large numbers of the "big black bumblebees" with which every school boy is familiar. They remained a whole day sipping the extract or juice, and then dropped helplessly to the ground, hardly able to move, and next morning were almost dead from exposure. One was observed to climb a vertical board of a few inches, and when near the top to throw out his legs and fall backward, after the manner of the ordinary inebriate. It is believed that the juice of the willow flower stupefies or intoxicates the bee as overdoses of alcohol or oft-repeated lagers do in the case of creatures of a higher grade.

A Good Hone.

A good hone is one of the most valuable essentials of a workman's outfit, and one of the best methods of making it is the following: Take the best gelatine, which melts in an equal quantity of water, keeping it in the dark, as daylight is injurious to it. Dissolve 1½ per cent of bicarbonate of potash and add to it the thoroughly melted gelatine. Then take very fine emery and pulverized flint stones, equal to nine times the weight of gelatine used and mix in thoroughly. Mold the paste to the desired shape and press it as hard as possible to consolidate the mass well, afterward drying it in the sun.

An Electricycle.

There has been considerable discussion of late on the probable usefulness of an electric tricycle, and it is stated that the invention of such a machine is now an established fact. This, according to report, has been effected by the use of a form of storage battery much lighter than the kind hitherto used. Several of these placed in a light portable box are sufficient to drive the machine with an ordinary load about 100 miles at the rate of eight miles an hour. The elements of the "active material" are supposed to be carried by the rider, and the batteries can be re-charged whenever water is available.

A Water Locomotive.

French engineers are now occupied in working out a novel idea. They propose to utilize water courses as a railway motive power. The track is to be laid on an embankment in the middle of the current, and the locomotive is to have two paddle-wheels dipping into the water and revolved by it.

WORK FOR MINERS.

Great Scarcity of Men Reported at the Mines in Elizabeth.

(SPECIAL TELEGRAM TO THE DISPATCH.)

ELIZABETH, PA., July 5.—The anomalous condition recently reported still continues in the mining situation—not enough miners to do the work required, and little disposition among those here to work longer, though they are receiving their own price. The unexampled run at the mines has made the men tired and greatly desirous of a rest. Most of the floating class have left the region some time since. The Corey Coal Company, of Coal Bluff, have been advertising for miners for a long time.

At Bunola they need 50 to 75 more new miners, but are unable to get them. H. D. O'Neil's men have been begging him for some time to give them a rest. They are nearly all residents of this town, and do not like to miss the work when it can be had, but would prefer to rest for a couple of weeks. Walton's mines are running, but not full handed. Horner and Roberts have not been able all spring to get enough men to run their mines at full capacity. They are at present only running out some entry coal.

THREE THOUSAND SHORT.

The United States Enumerators Obliged to Make a Recount at Fall River.

FALL RIVER, MASS., July 5.—The difference between the city and the United States census returns is nearly 3,000 in favor of the city canvassers, and nine of the United States men have received orders to make a re-canvass of their sections where the greatest discrepancies prevail.

The discrepancy is so flagrant that the enumerators will be obliged to make the re-canvass without pay.

Both Hands Burned to the Bone.

LONG BRANCH, N. J., July 5.—Frank Ainsworth, an engineer of the Seashore Electric Railway at Asbury Park, was terribly shocked last night while oiling the motors at Homer station. He was thrown down and both hands burned to the bone.

A Magnificent Marine Panorama.

Guests at the Sea View Hotel, Martha's Vineyard, on Saturday last counted 125 steamers and sailing vessels at one time directly in front of the piazzas. This hotel has a grand view of both sea and shore, Oak Bluffs being the gateway of commerce. Here the visitor may enjoy rest and quiet, but without monotony, for a constantly changing picture greets every guest of the Sea View at Cottage City.

NOTICES.

GENERAL OFFICE OF NATIONAL TRANSIT CO., OIL CITY, PA., June 30, 1890.

THE PATRONS OF THE NATIONAL Transit Co. are hereby notified that all credit balances upon the books of the National Transit Co. at the close of business, June 28, 1890, and all accepances or certificates issued on or prior to that date, are subject to an assessment of one hundred and ninety-six thousandths of one per cent, or one and ninety-six hundredths (1 96-100) barrels on a thousand in pipeage paid oil on account of loss by fire at 6 P. M., June 28, 1890, of tanks united register numbers 891 and 856, located at Colegrove, Norwich township, McKean county, Pa.

D. O'DAY, General Manager.
jy1-83

PENSIONS

For ALL SOLDIERS who are now disabled, whether disability is due to the service or not. For ALL WIDOWS of soldiers who are not on pension rolls. For miner children and dependent parents. Increase of pension for soldiers pensioned at less than $8 per month. Pensions for all or no pay. All who believe themselves to be entitled should, without delay, write me.

JAS. BRYAR, JR., Pittsburg, Pa.
P. O. Box 724. je29-118

PATENTS.

O. D. LEVIS, Solicitor of Patents, 131 Fifth avenue, above Smithfield, next Leader office. (No delay.) Established 20 years. se26-80

EUROPE—TICKETS TO AND FROM Europe by leading lines; good berths secured; drafts, letters of credit, money orders, foreign coin, passports, etc.; we sell at New York rates. MAX SCHAMBERG & CO., 527 Smithfield st., Pittsburg, Pa. Established 1864. my14-wsu

Display advertisements one dollar per square for one insertion. Classified advertisements on this page, such as Wanted, For Sale, To Let, etc., ten cents per line for each insertion, and none taken for less than thirty cents. Top line being dismissed counts as two.

THE PITTSBURG DISPATCH BRANCH OFFICES.

FOR THE SOUTHSIDE, NO. 1412 CARSON STREET.

BRANCH OFFICES ALSO AS BELOW, WHERE WANT, FOR SALE, TO LET, AND OTHER TRANSIENT ADVERTISEMENTS WILL BE RECEIVED UP TO 9 P. M. FOR INSERTION.

Advertisements are to be prepaid except where advertisers already have accounts with THE DISPATCH.

PITTSBURG.
THOMAS MCCAFFREY, 350 Butler street.
EMIL G. STUCKEY, 24th street and Penn ave.
E. G. STUCKEY & CO., Wylie ave. and Fulton st.
N. STOKELY, Fifth Avenue Market House.

EAST END.
J. W. WALLACE, 6121 Penn avenue.

OAKLAND.
MCALLISTER & SHEBLER, 5th av. & Atwood st.

SOUTHSIDE.
JACOB SPOHN, No. 2 Carson street.

ALLEGHENY.
A. J. KAERCHER, 59 Federal street.
H. J. MCBRIDE, Market House, Allegheny.
FRED H. EGGERS, 177 Ohio street.
F. H. EGGERS & SON, Ohio and Chestnut sts.
J. F. STEVENSON, Arch and Jackson streets.
THOMAS MCHENRY, Western and Irwin aves.
G. W. HUGHES, Pennsylvania and Beaver aves.
PERRY M. GLEIM, Rebecca and Allegheny aves.
T. R. MORRIS, 886 Preble ave.

MILLVALE BOROUGH.
W. W. FLOCKER, Stationer, No. 4 Grant ave.

SHARPSBURG.
C. BELLMAN, Stationer, 818 Main st.

THE BUSINESS OFFICE OF THE PITTSBURG DISPATCH IS NOW CORNER SMITHFIELD AND DIAMOND STREETS.

WANTED.

Male Help.

COOK—FIRST-CLASS COOK, OF GOOD habits; the right party can have steady work and good wages. Write or call at CENTRAL HOTEL, Beaver Falls, Pa. jy6-68

Situations.

FIRST-CLASS COSTUME CUTTER—WILL BE open for an engagement after July 19; best of experience and reference. Address V. H., Dispatch office. jy5-22

POSITION—BY A STENOGRAPHER, TYPEWRITER, telegraph operator, who has had three years' experience at clerical work, with a reliable firm; unexceptionable references. Address COMBINATION, Dispatch office. jy6-53

SITUATION—BY A FRENCH GIRL IN PRIVATE family to take care of children. Apply 225 OHIO ST., Allegheny. jy6-113

SITUATION—BY AN EXPERIENCED draughtsman; or placing as foremen by builders. Address T. R. M., Dispatch office. jy4-12-EOD

Rooms, Houses, &c.

COUNTRY HOMESTEAD—HOUSE SEVEN TO ten rooms; improved grounds, one to five acres; within ten miles of city, convenient to railroad. Address, with full particulars, LOCK BOX 259, Pittsburg, Pa. jy5-25-TTSS

FURNISHED HOUSE—FOR SUMMER months, or longer, in healthy location. Address P. O. BOX 115, Allegheny, Pa. jy5-37

Partners.

PARTNER—YOUNG MAN WITH $2,000 CAN make from $3,000 to $4,000 per annum; manufacturing business; legitimate and permanent; located at home; present partner out of health and going away; immediate answer is requested. Address SOAP MANUFACTURER, Dispatch office. jy6-42

Financial.

MORTGAGES—$1,000,000 TO LOAN ON CITY and suburban properties at 4½, 5 and 6 per cent, and on farms in Allegheny and adjacent counties at 6 per cent. I. M. PENNOCK & SON, 147 Fourth avenue. ap7-141

MONEY TO LOAN—IF YOU WANT MONEY in any amount on good city mortgages quickly, we have it on hand and will be glad to lend it at 5 and 6 per cent. MORRIS & FLEMING, 108 Fourth ave. je21-49

MORTGAGES—MONEY TO LOAN IN SUMS to suit at 4½, 5 and 6 per cent. ALLES & BAILEY, 164 Fourth ave. Tel. 167. apl4-19-TTSSU

MONEY—LOANED ON ASSIGNABLE LIFE insurance policies. Address P. O. BOX 127, Cincinnati. je24-76-TTSSU

TO LOAN MONEY—WE HAVE OVER ONE million dollars to loan on city and suburban property at 4½ per cent; no tax; we will also loan money on improved farms in Allegheny, Beaver, Fayette, Washington and Westmoreland counties; any marketable security taken for loans of any amount. BLACK & BAIRD, 95 Fourth ave. je3-89-SU

Miscellaneous.

ALL SOLDIERS—WHO ARE DISABLED from any cause and drawing less than $6 per month to call at B. F. BROWN'S OFFICE, 96 Fourth ave., or send their address. je25-59

DYNAMO—ONE WESTINGHOUSE 75 LIGHT-ER, one 3 and one 1½ horse power motor; only in use short time; will be sold at a bargain. For particulars address LOCK BOX 162. jy6-21*-MWthSu

DEPENDENT RELATIVES—WHO ARE NOT drawing pensions to call or send their address to B. F. BROWN, 96 Fourth ave., second floor. je28-69

FIRE INSURANCE — NORTHWESTERN NATIONAL, of Milwaukee, and the Merchants of Newark, N. J.; losses promptly paid. JARRETT & SHOOK, Agents, 108 Fourth avenue, second floor. je-75-Wsu

FREE SITE AND FREE GAS—GIVEN TO manufacturers at Jeannette, on main line of Pennsylvania Railroad. Address EAST JEANNETTE LAND CO., Greensburg, Pa. mh13-80-su

LESSONS IN SHORTHAND—BY YOUNG man. Address, stating terms and particulars, P. O. BOX 29, Stewart station. jy4-117

OFFICE—A SMALL OFFICE IN MODERN building in business district. Address, with terms, WORCESTER, Dispatch office. jy6-70

PHOTOGRAPHERS—TO KNOW THAT WE make crayons and frame them in the latest style and at the lowest rates; send for prices. PITTSBURG CRAYON CO., 531 Smithfield st. jy6-5

SOLDIERS' WIDOWS—TO CALL AT ONCE AT B. F. BROWN'S OFFICE with two witnesses, and have their claims presented in proper form. Remember B. F. Brown's office is 96 Fourth ave; 25 years experience in the pension business. jy4-15

SOLDIERS—DISABLED FROM ANY CAUSE to know that B. F. BROWN, Pension Attorney, 96 Fourth ave., is now prepared with all necessary blanks to present and prosecute claims with promptness. jy4-15

SOLDIERS—AND SOLDIERS' WIDOWS—TO know that by calling at B. F. BROWN'S OFFICE, 96 Fourth ave., with two witnesses, their claims will be made out properly and presented at once; no delay. jy4-15

SOLDIERS' WIDOWS—TO CALL AT B. F. BROWN'S OFFICE, 96 Fourth ave., second floor. je26-69

YOU—GET A BAKER'S DOZEN (13) OF Stewart & Co.'s fine cabinet photos for $1, at 90 and 92 FEDERAL ST., Allegheny. my22-49-TTSu

FOR SALE—IMPROVED REAL ESTATE.

City Residences.

A COZY HOME FOR $2,100—ENHANCEMENT is sure; Madison ave., Thirteenth ward; 2 minutes' from terminus of Wylie ave. traction; almost new; frame dwelling of 5 rooms, hall, nat. gas, city water, slate mantels in parlor and dining room; all newly papered; lot 20x100 to an alley. J. R. COOPER & CO., 135 Fourth ave. jy3-69-ThrSu

A RARE CHANCE—$1,800—ONLY 100 FEET from Wylie avenue cable, Thirteenth ward; new house of 4 rooms; water, good cellar, etc.; lot 40x67. J. R. COOPER & CO., 135 Fourth ave. jy3-69-ThrSu

BRICK DWELLING—NEW TWO-STORY, 7 eight rooms, bath, nat. and art. gas, h. and c. water, with two-story brick in rear, facing on alley; lot 22x100; this property is in elegant shape, and low price will be made to prompt purchaser; situate in Sixth ward, six minutes' walk from Court House. BAXTER, THOMPSON & CO., 162 Fourth ave. jy6-88-MWFSu

BRICK DWELLING—EIGHT ROOMS ON Washington street; hall, vestibule, double parlors, bath, inside w. c., range, both gases, slate mantels, good cellar and sewerage; handsomely finished throughout; lot 35x75; easy terms and low price. WM. PETTY & CO., 157 Fourth avenue. jy6-34*

CARSON STREET—NEAR THIRTY-FOURTH street, a new brick dwelling of 10 rooms, at a bargain; hall, vestibule, inside shutters, slate mantels and tile hearths, range, hot and cold water, bath, w. c. and w., in house; is nicely finished and is handsomely papered and has every modern convenience; lot 24x170, to another street. J. R. GLASS, 138 Fifth ave. jy6-62*

CHOICE INVESTMENT—RENT, $456; PRICE, $3,800; near Bellefield ave. market house; frame dwelling of 8 rooms and attic; slate mantel in parlor; all newly papered and in best of repair; good cellar; side entrance; perfect sewerage; lot 21x105. J. R. COOPER & CO., 135 Fourth ave.

CONGRESS STREET—$3,600—BRICK DWELLING, 8 rooms, hall, attic, bathroom, hot and cold water; all in good repair; a bargain. WM. PETTY & CO., 157 Fourth avenue. jy6-34*

HERRON AVE.—NEAR WYLIE AVE. CABLE $6,000 now only $4,500; a good frame dwelling of eight rooms, hall, vestibule, nat. gas, large porch front and back, fine cellar; shade trees and shrubbery; lot 60x155 to 40 ft. st.; easy payments. J. R. COOPER & CO., 135 Fourth ave. jy6-65*

HOUSES—LARGE LOT, 13, 9 AND 4-ROOMED houses thereon, to alley, corner Logan and Colwell; cheap to any person meaning business. Quick buyers address SELLER, Dispatch office. jy6-82*

NEW SIX-ROOM FRAME HOUSE—MIFFLIN st., near Main; slate roof, inside shutters, sliding doors, hall vestibule grained; a bargain. Inquire 235 MAIN ST. jy6-122*

SMALL HOUSE AND LOT—FOUNTAIN ST.—at auction; the property No. 21 Fountain st., near head of Doyle st., Third ward, Allegheny, will be sold by order of John Rogers, assignee, on the premises, Saturday, 5th July, 4 o'clock; lot 22x48; brick house, 5 rooms; terms, half cash, balance in two years; those in want of a cheap property will do well to attend. A. LEGGATE & SON, Auctioneers.

WASHINGTON ST., NEAR FIFTH AVE.—Big bargain, a fine brick mansard roof dwelling of 6 rooms, hall, bath, range, w c., both gases, well finished throughout and nicely papered, excellent dry cellar; lot 20x107 to an alley. J. R. COOPER & CO., 135 Fourth ave.

WASHINGTON ST., NEAR FIFTH AVE.—Brick mansard roof dwelling; 6 rooms, hall, bath, range, w. c., both gases; well finished throughout and nicely papered; excellent dry cellar; lot 20x107 to alley. J. R. COOPER & CO., 135 Fourth ave. jy3-160-ThrSu*

$1,700 ONLY—A RARE CHANCE—THIS property is worth $2,100; on Perry st., near Wylie ave. cable line; a good new frame dwelling of five large rooms; good dry cellar; hall; water; newly papered throughout; good level lot, with trees and shrubbery; must be sold at once; lot 22.6x111; call soon; a good bargain. J. R. COOPER & CO., 135 Fourth ave. jy6-67*

$3,800—AN EXCELLENT INVESTMENT; rent, $456 per year; near Fifth Ave. Market House; new frame dwelling of 8 rooms and attic; slate mantels; good cellar; side entrance; perfect sewerage; all newly papered and in good condition. J. R. COOPER & CO., 135 Fourth ave. jy6-65*

$4,500—BRICK HOUSE EIGHT ROOMS, hall, attic, bathroom, hot and cold water, etc.; good stable; lot 30x100 feet; Forty-fifth near Butler st. D. BEHEN & SON, 4112 Penn ave.

$4,100—TEN MINUTES' WALK FROM Court House, two brick houses, rented for $500 per year; lot, 25x100; easy terms. BAXTER, THOMPSON & CO., 162 Fourth ave. jy6-85-TTSu*

$6,000—A SACRIFICE; LOT 30x100 FT., DAUPHIN st., with old frame house four rooms, good well, etc.; lot alone worth $850. D. BEHEN & SON, 4112 Penn ave. jy6-8*

$1,500—FRAME HOUSE FIVE ROOMS, hall, attic, cellar, porch, inside shutters, etc.; lot 25x80 ft.; Arch st. D. BEHEN & SON, 4112 Penn ave. jy6-8*

East End Residences.

$4,000—PRESSED BRICK HOUSE SIX rooms, hall, attic, water, gas, inside shutters, etc; lot 22x80 feet; Edmund near Perry ave. D. BEHEN & SON, 4112 Penn ave. jy6-8*

FOR SALE—IMPROVED REAL ESTATE

East End Residences.

A SPECULATION—HERRON AVE., 3 MINUTES from Wylie ave. cable line; worth $5,000, price $4,500; neat frame dwelling of 8 rooms, hall, vestibule, nat. gas, large porch front and back, fine cellar, etc.; lot 60x155 to 40-ft. street; shade trees and shrubbery; easy payments. J. R. COOPER & CO., 135 Fourth ave. jy3-69-ThrSu

LANG AVE., HOMEWOOD, MODERN AND well-built frame dwelling of six large rooms nicely finished and papered; hall, first and second floors, slate mantels in parlor and dining room, inside shutters, bay window, large porch, front and back lawn and shade trees in front, well of good water, sewerage, etc.; lot 46x120, price only $3,800. J. R. COOPER & CO., 135 Fourth ave. jy5-67-TTSSu*

LANG AVE., HOMEWOOD—A FINE MODERN and well built frame dwelling of six large rooms, nicely finished and papered throughout, hall on first and second floors, slate mantels in parlor and dining room, inside shutters, bay window, large porch front and back, lawn and shade trees in front, well of good water, sewerage, etc.; lot 46x120; price only $3,800. J. R. COOPER & CO., 135 Fourth ave. jy5-45*

OAKLAND—FACING SCHENLEY PARK, frame dwelling, 5 rooms and finished attic, hall, vestibule, artificial gas, city water, slate roof, nicely painted and grained, large porch, lot 27x100 feet to an alley, stable in rear; low price to quick buyer. WM. PETTY & CO., 157 Fourth avenue. jy6-34*

$6,000—ELEGANT BRICK HOUSE, 7 rooms; all convenience; bath, etc., on Margaretta st., Nineteenth ward; lot 45x120; close to cable and P. R. R. MELLON BROTHERS, 6349 Station st., E. E. jy6-125-TTSSU*

Suburban Residences.

$2,500—GLENFIELD STATION, P., FT. W. & C. R. R., 3 minutes from station, a nice dwelling of 6 rooms, pantry, slate mantels, water in house, 3 porches, stable, outbuildings, fruit and shade trees, lot 40x215 to a street; a bargain; must be sold at once. BAXTER, THOMPSON & CO., 162 Fourth ave. jy4-7-TTSu*

$2,800—A BARGAIN IN A NICE HOME property; choice location, Wilkinsburg; new house of 7 rooms, all conveniences; large lot; nothing equal to it offering at the price. CHARLES SOMERS & CO., 313 Wood st., 6019 Penn ave. jy6-2*

FOR SALE—LOTS.

City Lots.

CHOICE BUILDING LOTS—BETWEEN Wylie ave. and Webster ave. on 50 ft. st., size 20x112, to 20 ft. alley; price only $650; easy terms; enhancement sure; call and get our plans. J. R. COOPER & CO., 135 Fourth ave. jy6-66*

CARSON STREET—CORNER OF THIRTIETH street, choice lot, 26x120 feet, only $4,000. This is a fine business location, being directly opposite the electric car station. J. E. GLASS, No. 138 Fifth ave. jy6-62*

LOTS—LARGEST IN THE MARKET FOR the price; 20x140 and only $400, situate on Bellefield ave.; terms $25 cash, balance monthly payments; call and get plans. J. R. COOPER & CO., 135 Fourth ave.

WYLIE AVENUE—LARGEST AND BEST lots in the market; from $250 to $1,000; rare chances for speculation, enhancement certain. WM. PETTY & CO., 157 Fourth avenue. jy6-34*

LOTS—IN CHAS. E. CORNELIUS' PLAN AT Morningside. Eighteenth ward, can be bought in blocks of 4, 10 or 15 at reduced prices, and on the most liberal and accommodating terms. Small cash payments; long time. See N. P. SAWYER, Agent, on the grounds, or CHAS. E. CORNELIUS, 406 Grant st. jy28-22*

LOTS—LARGEST IN THE MARKET FOR the price; 20x140, and only $400; situate on Bellefield ave., near Ridge st.; call and get plans; terms, $25 cash, balance monthly. J. R. COOPER & CO., 135 Fourth ave. jy3-69-ThrSu*

217 FEET—AS A WHOLE OR PART—OVERLOOKING the eastern entrance to the Schenley Park; this is considered one of the most delightful sites for first-class residences to be found anywhere in the neighborhood of the park; a bargain if sold soon. M. P. HOWLEY & SON, 127 Fourth ave. jy6-58*

$67.50 PER FOOT FRONT—TWO LOTS, 50x160 each, on Thomas street, Boulevard place, E. E.; adjoining; will sell one or both at $75 to $80 per foot front; will not sell at above price unless sold by July 10. See EWING & BYERS, 93 Federal st., and 166 Fourth ave. jy4-56*

$375—ONLY FEW DESIRABLE LOTS, 20x110; close to Braddock, P. R. R. MELLON BROTHERS, 6349 Station st. jy6-125-TTSSU*

Allegheny Lots.

LOTS—20x115—ONLY $250 TO $350, ON PERRYSVILLE ave., near Charles st.; fare only 5c from Pittsburg. Apply to owner, J. P. URBEN, cor. Franklin and Fulton st., Allegheny. jy6-109*

Suburban Lots.

A SPINWALL—FINEST LOTS IN ALLEGHENY county; very convenient, large rest size; lowest prices; terms of Citizens' passenger line; lots 30x230 feet at $150; your own terms. S. J. FLEMING & CO., 152 Fifth ave. Tel. 1772.

LOTS—SPECULATORS LOOK AT A PLAN OF 50 large lots close to P. R. R. at Jeannette we have to offer in a block at a bargain. CHARLES SOMERS & CO., 313 Wood st., 6019 Penn ave. jy6-4-TuSu*

$300—WILL BUY A LOT 40x100 IN THE Fort Pitt Land Co.'s plan, at North Jeannette; this plan adjoins the new glass plant of Hitchcock & Co.; next season lots will sell for $400 to $500; now is the time to buy; now and save money. BAXTER, THOMPSON & CO., 162 Fourth ave. jy6-86*

10 ACRES AT FLEMING PARK—P. & L. E. R. R.—railroad runs near front; rents for $200 per year; can be leased for oil; price only $3,500 for a short time. S. J. FLEMING & CO., 152 Fifth ave. Tel. 1772.

$375—A SPECULATION—16 LARGE LOTS near Brushton station, P. R. R.; lots 40x150 at $375 each. CHARLES SOMERS & CO., 313 Wood st., 6019 Penn ave. jy6-3-MWSu*

Farms.

CHOICE FARM PROPERTY—$100 PER ACRE; 200 acres near Parnassus. CHARLES SOMERS & CO., 313 Wood st., 6019 Penn ave. jy6-2*

GARDEN FARM—25 ACRES GOOD SOIL; A bargain; 3 miles from Sharpsburg and 2 miles from Powers Run station, W. P. R. R.; large orchard, choice fruit of all kinds, brick house, good water and outbuildings. Address J. M. RICKENBACH, on premises; or W. H. RICKENBACH, Inwood st., near Frankstown ave. E. E. jy1-82-MWSu

80 TO 160 ACRES—IMPROVED WESTERN lands, nearly situated, growing country, non-resident owner; will sell at a sacrifice. Particulars of CHARLES SOMERS & CO., 313 Wood st., 6019 Penn ave. jy6-3*

Miscellaneous.

OWN A HOME—WE WILL BUY OR BUILD for you any where and let you pay rent equal to the property; no security required. GRANITE STATE PROVIDENT ASSOCIATION, branch offices, Standard building, 531-533 Wood st., Pittsburg, and 127 Fifth ave., McKeesport. m-13-15-TTSSu*

FOR SALE—BUSINESS.

Business Opportunities.

BOOT AND SHOE STORE—$3,000 TO $4,000; one at $4,000; hat and cap store at invoice about $7,500; if you are looking for business it is to your interest to call on us. T. O. BROWN & CO., 90 Fourth ave. jy6-118*

BARBER SHOP—HAVING A GOOD TRADE; will be sold at a bargain, as owner has other business that needs his attention. Address A. L., Dispatch office. jy3-17*

COMMISSION BUSINESS—OLD ESTABLISHED house; has made a fortune; two active men can do the same; about $10,000 required. T. O. BROWN & CO., 90 Fourth ave. jy6-118*

DRUGSTORE—DOING GOOD BUSINESS; must be sold before July 15; easy terms or $1,800 cash. OPTIMUS, Dispatch office. jy6-101*

DRUG STORE, WELL SITUATED AND GOOD paying—on easy terms. Address REGAL, Dispatch office jy2-100-WFSu*

FOUNDRY BUSINESS—WELL LOCATED, including a house on two lots, and gas well to run foundry; held at twenty-fifth its value. Address WM. MARVIN, Findlay, Ohio. je26-47-TTSSu*

GROCERY STORE—BEST IN WILMERDING—$1,000; another fine one in East End, $1,300; milk depot, meat book and stationery store in best town in Western Pennsylvania; country stores; bakeries, drug stores, cigar stores. SHEPARD & CO., 151 Fourth ave. jy4

MILK ROUTE—AVERAGE SALES 120 GALLONS per day. Inquire at 2712 PENN AVE., city. jy6-77

RARE CHANCE TO MAKE MONEY—Wanted to form a company with a working capital of $10,000 in a legitimate manufacturing business (a monopoly protected by U. S. patent) which will pay from 300 to 500 per cent. profit on investment; the strictest investigation desired; the special attention of brick and paving contractors solicited; shares of stock $100 each. Full particulars by calling or addressing ROOM 58, Eisner Building, corner of Fifth and Wood sts. jy6-51*

WALL PAPER STORE—IN CENTRAL PORTION of city; nice storeroom, dwelling, low rent, profitable business doing, clean saleable stock; a favorable opportunity for money-making business on small investment. CHARLES SOMERS & CO., 313 Wood st., 6019 Penn ave. jy6-2*

$800—BEST GROCERY IN TWO CITIES—ON corner; others at $1,000, $1,500 to $5,000. T. O. BROWN & CO., 90 Fourth ave. jy6-118*

$450—RESTAURANT, SMALL BUT MONEY-MAKING; choice location. T. O. BROWN & CO., 90 Fourth ave. jy6-118*

Business Property.

BRICK HOTEL OF 38 ROOMS—MAKES $12,000 per year; fully furnished, licensed; in a good Eastern Ohio town; price $25,000. J. H. STEVENSON'S AGENCY, 139 Fifth ave. jy3-52*

$15,000—A NO. 1 FIRE BRICK WORKS; others from $6,000 to $20,000; manufacturing business from $800 to $90,000. T. O. BROWN & CO., 90 Fourth ave. jy6-118*

FOR SALE—MISCELLANEOUS.

Horses, Vehicles, Live Stock, Etc.

BROOD MARE—PEDIGREE STOCK; SINGLE or driving horse; matched team driving horses; four-passenger rockway carriage; two buggies and surrey cheap; to close out at private sale. Address B 5, Dispatch office. jy6-109*

FULL-BREED IRISH SETTER BITCH—19 months old; good reasons for selling; can be had cheap. HENRY G. HALE, JR., Penn ave. and Sixth st., Pittsburg. jy6-63*

PONY AND HARNESS—FINEST IN THE city; selling for want of use. DR. R. JENNINGS, 215 First ave., city. jy6-93*

STUDEBAKER WAGON—USED BUT A short time; price low. Call at ARCHIBALD'S STABLE, 95 and 98 Third avenue. je21-117*

Machinery and Metals.

AUTOMATIC TYPEWRITER—THE BEST suited for telegraph and railroad work of any machine made; easiest to learn, most exact, most compact, most durable, least liable to error, least liable to get out of order, most distinct writing, not noisy; most practical machine for business purposes and letter writing; all or send for circular. G. K. FLOWER, 110 Fourth av., Pittsburg. Tel. 716. Read this ad. je22-81-- 88u

BOILER—ONE 15 HORSE-POWER BOILER, complete with all attachments; also, one 10 horse-power engine will be sold cheap for want of use. Apply to R. D. NUTTALL & CO., Grant ave., Allegheny City. jy1-24*

ENGINES AND BOILERS—NEW AND REBUILT; repairing promptly attended to. PORTER FOUNDRY AND MACHINE CO., LIM., below Suspension bridge, Allegheny, P. jy2-64

RAG CARPET LOOMS—TWO. INQUIRE OF R. THOMAS MATTHEWS, 122 Auburn street, E. E., city. jy6-33-TTSu*

Miscellaneous.

ENCYCLOPEDIA BRITANNICA—SCRIBNER ed., cheap; also 50,000 other good books. FRANK BACON & CO., 301 Smithfield st. jy2

SODA FOUNTAIN—A SMALL, HANDSOME, second-hand one cheap, at 502 SMITHFIELD ST. jy--90*

LOST.

LOST—A DIAMOND AT EKEEPORT ON vicinity. A liberal reward will be paid to finder by leaving at DISPATCH OFFICE. jy5-84

LOST—ON JULY 4 IN ALLEGHENY PARK A pocketbook containing $40 25. Please return to Mr. WHITELY, 439 Liberty street, Pittsburg, and receive reward. jy6-55

LOST—IN THE ALLEGHENY PARK, FRIDAY, June 27, 1890, a small silver watch. A reward will be given if returned to 320 EAST ST., Allegheny City, Pa. jy6-114

LOST—POCKETBOOK—JULY 4—CONTAINING papers and money. A liberal reward will be paid the finder by returning it to F. S. NIMICK, at 83 Water st. jy6-63

LOST—SMALL BLACK COW; STRAYED away Tuesday last. Suitable reward for return to W. T. McFARLAND, cor. Atwood and Boquets st., Oakland