EVERY DAY SCIENCE.

Spontaneous Ignition of Cargoes of Coal in Transportation.

A PITTSBURGER'S LUCKY BAD LUCK

Fire and Water Shooting a Hundred Feet From an Indiana Well.

BRAIN OF A DEAF AND DUMB PERSON

(PREPARED FOR THE DISPATCH.)

The spontaneous ignition of coal has recently been the subject of a highly interesting paper from the hand of Prof. V. B. Lewes. This is a question upon which many different views have been held, some attributing such mishaps to the pyrites present in the coal, others to insufficient ventilation, and others again to the oxidation of the coal and coal gases themselves. This last is the view advocated by Prof. Lewes. He shows that the pyrites only act by breaking up the coal and liberating the inflammable sulphur. The rise of temperature he attributes to chemical combination between the oxygen of the air and the coal gases, both of which are condensed upon the surface and in the pores of the coal. Prof. Lewes recommends some highly ingenious precautions for cooling the cargo if it should begin to heat. One is to run water mains, with holes in them, on the floor of the compartments, so that, if need be, sea water can be delivered right under the hot fuel.

This method can only be used in conjunction with alarm thermometers embedded in the cargo to give warning of any rise of temperature. The second suggestion is to distribute among the coal some steel bottles full of liquefied carbonic gas, corked down with a plug of fusible metal which melts below the boiling point of water. If the temperature rises so high the plug melts, the carbonic acid rushes out in the form of gas, becoming intensely cold in the process, and not only preventing combustion of the coal by its presence, but cooling it down far below the freezing point. The means suggested are very simple and could be generally adopted.

Lime-Extracting Heater and Filter.

With scarcely an exception, the waters used for the generation of steam for mechanical purposes are, the world over, to a greater or less degree, impregnated with some foreign matter held in solution and ready for precipitation on the slightest chemical provocation. Among these may be most frequently counted lime, magnesia, sulphur, iron, silica, etc., or the more crude mud and vegetable impurities not yet resolved into their original component parts. To meet this difficulty a combined lime-extracting heater and filter has been devised. It consists of an iron vessel, usually of cylindrical form, containing a series of shelves, having alternate openings. A large area of heating and depositing surface is thus obtained. No water can pass through the heater without being thoroughly boiled, and the lime, magnesia, sulphur, iron silica, etc., which this process of boiling sets free from the water, are deposited in a crystallized state upon the entire series of shelves.

It is claimed that the use of this device effects a saving of at least 10 per cent of fuel where soft water is used, and that when hard or impure water is used it will effect a saving of from 15 to 50 per cent of fuel, not to mention the saving to boilers in time, and obviating the necessity occasioned by "scale" of frequently "blowing off" and cleaning.

Cave-Air Sanatorium.

It is proposed to establish a sanatorium in Edmondson county, Ky., the inmates of which shall be supplied with perfectly dry, cool air from the Grand Avenue Cave, four miles from the Mammoth Cave, on the Mammoth Cave Railway. A series of experiments intended to demonstrate the feasibility of the plan has given excellent results. By means of a small Sturtevant blower, the air from the cave was brought into a room, and the temperature was reduced from 72° to 59° in less than an hour, thereby showing clearly that with a larger plant any quantity of this air can be distributed through a large building, and placing it within the power of the owners to absolutely control the climatic condition of the house both as to temperature and moisture. Taking into consideration the unlimited supply of pure, cool, and it is believed, aseptic air found at the site proposed for the health resort, and its situation in the midst of a virgin forest of oak and hickory, with a sandy soil and splendid drainage, the project seems a most promising one.

A Geyser on Fire.

An odd story comes from Indiana. In boring for natural gas the drillers, at a depth of 250 feet, are said to have struck an immense vein of water, which was cased off. At a depth of 900 feet a tremendous flow of gas was developed, the pressure of which lifted the casing and let in the water above, producing a veritable geyser. After some days when the well had been nearly controlled, a workman at the mouth of the well struck a match to light his pipe. An explosion followed, and the workman narrowly escaped being roasted alive. All efforts to restrain the well or even put out the fire have since proved futile, and the strange spectacle is witnessed of a resistless volume of fire and water issuing from the same pipe. The column is described as shooting, with an appalling roar, to a height of 100 feet.

Making Buildings Fireproof.

"A builder of 30 years' experience" makes some excellent suggestions in the matter of fireproof buildings. He suggests that the lining floors in each story shall extend to the outside boardings, and that one course of brick in mortar be laid on the floor between the studding, refuse or broken brick answering very well for this. The inside of the partitions should be filled in the same way, if necessary, and the most minute openings around steam and other pipes should be stopped. The cost will be comparatively small. If the house is plastered before the finish is put on it is a good plan to plaster down to the lining floor on the outside walls, and, in fact, all of the walls, instead of plastering to grounds six or seven inches from the floor.

Fuse Danger Signals.

Quite an important innovation is to be made in signalling on the New York Central Railroad. An order has been issued requiring that each train shall carry a tin box with different colored fuses; also torpedoes and flags for day use. In case of a breakdown or sudden stoppage of a train the fuse can be placed in the rear of the train so as to warn the engineer of the train following that there is danger ahead. Should a train be losing time a fuse can be lighted and dropped on the track from the rear platform. Even in a heavy storm the fuse will light up the track brilliantly. The fuses are made to burn 8, 10 and 12 minutes. Instructions for the use of these danger signals are printed on the new time cards.

Hypnotism.

There is no longer any reasonable doubt that some persons possess the power of inducing various degrees of somnolency in certain subjects. Regarding the rationale of this phenomenon we are still very much in the dark. It belongs to that difficult region where physiology and psychology come into contact, and shares the obscurity which hangs over the whole subject of the true nature of the mind. No satisfactory answer has been given to the objection of Hume that we know nothing of mind but its manifestations; in other words, we know something of such faculties as will, imagination, memory, emotion, etc., but of the true essence of mind we know nothing whatever.

Effects of Small Bore Bullets.

A careful investigation into the effects of small bore bullets on the human body has been made by Prof. Paul Bruns, of Tubingen. The conclusions arrived at must be considered in all respects satisfactory from a humane point of view. It is found that the hydraulic pressure in the wound is much diminished, partly on account of the smaller diameter of the bullet and partly on account of the spring action of the thin steel coating which surrounds the soft lead core of the new projectile, so that the extensive tearing of the soft tissues of the body, which the old bullets used to cause, and which often gave rise to the erroneous idea that explosive bullets were employed, will not occur. The new projectile, used with the Belgian Mauser rifle, passes at 100 meters through four or five limbs, smashes up three thigh bones, placed one behind the other, and makes a small cylindrical opening in the flesh. The entrance of the wound is generally of less diameter than the bullet itself. The exit is a slit or a star-shaped opening with torn edges, about a quarter of an inch wide. At longer ranges, 400 to 1,500 yards, the bones are not shattered, but bored through in a clean hole or channel. According to Dr. Bruns, the chances of healing bullet wounds will, notwithstanding the much greater efficiency of the new rifle, be much more favorable than in the case of the larger bores.

Effect of Regular Exercise.

A Pittsburg clerk lost his position as bookkeeper at $1,200 a year, and had to work for $750. He says: "At that time I was thin and weak and couldn't walk a half a mile to save a dollar. At any rate, I thought I couldn't. But I had to economize, and did so by walking home from my work every day, a distance of five miles. It pretty nearly killed me at first. Then I began to enjoy it. Within three months I was walking both ways, and I've kept it up ever since. He sums up the result of this regime thus: "One hundred and eighty pounds, the appetite of an ostrich, and not a day's sickness in ten years."

Constancy of Purpose.

A recent writer, speaking of Charles Darwin says: "He never scattered his energy, he never wasted an hour, and by steadily keeping at it, in spite of continual ill-health, and of long period of semi-invalidism, he did a great work, and has left the impression upon the world of a man of extraordinary energy and working capacity. Success is rarely a matter of accident; always a matter of character. The reason why so many men fail is that so few men are willing to pay the price of self-denial and hard work which success exacts."

Tree Felling by Dynamite.

Some interesting experiments were carried out the other day in the vicinity of Copenhagen in tree felling for military purposes by dynamite. The object was to ascertain the saving in time and labor effected by this method, and the results were exceedingly satisfactory, far more so than is understood to have been the case in some other series of similar experiments. Trees of three feet in diameter were brought down in some 20 to 25 minutes, whereas the time occupied by ordinary felling would probably have been ten times as much.

Poison in Water.

A physician expresses the opinion that in many cases of nervous debility, which have been ascribed to overwork, insufficient nourishment, etc., the real cause may have been lead in the drinking water. Among the symptoms of lead poisoning are anæmia, deficiency of blood, a dull hue of the skin, digestive derangements, a coated tongue, fetid breath, nausea, colic and partial paralysis. Water should never be drunk in the morning without first having been allowed to run freely.

Functions of the Brain.

The result of the investigations of Dr. Donaldson of the brain of a famous deaf and dumb pupil of Dr. Howe, is to substantiate several theories which medical experts have advanced about the functions of the brain as an organ of thought. Conclusive evidence is adduced to prove that the brain is an intricate phonographic medium, which registers all that sight, hearing, taste, smell and feeling brings to it.

Dairy Floors.

A flagstone floor, with cemented joints, is recommended for the dairy. Wooden floors are apt to rot out, and brick floors absorb the spilled milk, soon becoming very offensive. If bricks are used the floor should be kept painted all the time, and even then it is not so good as flagstone and cement. The flagstone underground is always kept cool, as a dairy floor should be.

Wire Fan-Guard.

The new safety cage is an admirable addition to the ordinary motor fan. This guard is intended mainly to protect the fingers of children or meddlers from the effect of contact with the rapidly revolving fan.

The Kola Nut as a Beverage.

The kola nut is now prepared as a beverage in the form of chocolate and kolatina. The beverage is said to be more nutritious than cocoa, and better adapted for weak digestion than either tea, coffee or cocoa.

DISTURBED HIS TENANTS.

A Squabble About a Laundry Location Carried Into Court.

Charles Crady was given a hearing yesterday afternoon, before Alderman McMasters, on a charge of surety of the peace preferred by Misses Cora and Dora Palmer, sisters, who have a dressmaking establishment at No. 53 Congress street. They are tenants of Crady, and the cause of the suit was violent language and conduct on his part, in a dispute between Landlord Stewart over the right of the latter to perform their laundry work in a certain portion of the house.

Crady is alleged to have behaved very boisterously toward the sisters, and made threats that so disturbed their peace of mind that only a court of law could make matters straight again. The Alderman reserved his decision in the case until to-morrow.

BLACK Surah silk 24 inches wide at 75c, 85c, $1 and $1 25 a yard. The best values ever offered. HUGUS & HACKE.
TTSSU

To the Public.

The demand for Marvin's superior bread is so great that, notwithstanding the advance in the price of flour, the size of our loaf, the quality and the price will be the same as it was three months ago. S. S. MARVIN.

A $3 00 Sz10 Photograph Free

Of yourself or children with every dozen of cabinets at Hendricks & Co.'s, No. 68 Federal st., Allegheny, every day this week. Good cabinets, $1 a dozen. Lile-size crayon only $3.

Louvre.

All our satin corsets reduced. R. & G. satin, all colors and black, $1 75 a pair. C. P. satin, all colors and black, reduced from $5 to $2 50 a pair. 24 SIXTH ST. No Branch Store.

HOUSEHOLD goods packed for shipment. HAUGH & KEENAN, 33-34 Water st.

ELEGANT line of gold and silver-head umbrellas and walking sticks, lowest prices, at Hauch's, No. 295 Fifth ave. WFSU

Stylish Suitings.

The most fashionable goods at moderate prices at Pitcairn's, 434 Wood street.

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 fifty cents.

THE PITTSBURG DISPATCH BRANCH OFFICES.

THE BRANCH OFFICE FOR THE SOUTHSIDE HAS BEEN REMOVED TO NO. 1412 CARSON STREET.

ADVERTISEMENTS, NEWS AND SUBSCRIPTIONS CAN BE LEFT THERE BOTH FOR GENERAL EDITIONS, AND FOR THE SPECIAL SOUTHSIDE ISSUE PUBLISHED EACH SATURDAY.

BRANCH OFFICES ARE ALSO ESTABLISHED AT THE FOLLOWING PLACES, AT ALL OF WHICH WANT, FOR SALE, TO LET, AND OTHER TRANSIENT ADVERTISEMENTS WILL BE RECEIVED UP TO 9 P. M. FOR INSERTION NEXT MORNING:

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 & SHEIBLEY, 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, 172 Ohio street.
F. H. EGGERS & SON, Ohio and Chestnut sts.
J. F. STEVENSON, Arch and Jackson streets.
THOMAS MCHENRY, Western and Irwin ave.
G. W. HUGHES, Pennsylvania and Beaver aves.
PERRY M. GLEIM, Rebecca and Allegheny aves.
T. R. MORRIS, 686 Preble ave.
MILLVALE BOROUGH.
W. W. FLOCKER, Stationer, No. 4 Grant ave.

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

ADVERTISERS, PLEASE NOTICE!

THE BUSINESS OFFICE OF THE PITTSBURG DISPATCH HAS BEEN REMOVED TO CORNER SMITHFIELD AND DIAMOND STREETS.

WANTED.

Male Help.

WANTED—BOILERMAKERS AND RIVETERS; good wages and steady employment to competent men. Inquire 113 WATER ST., upstairs. my15-28

WANTED—BOYS FOR STRANDS, CHILS and planishing rolls; eight-inch mill. Apply at STAR IRON WORKS, Rebecca street, Allegheny City. my18-121

WANTED—A PRACTICAL SHEET METAL worker, with some capital, as partner in an established business. Address CAPITAL, Dispatch office. my17-27

WANTED—A GOOD WAGON BLACKSMITH and helper. Apply Monday morning at BROWN, KUMMER & AHLER'S, 4000 Forbes st., Oakland. my18-126

WANTED—AN INDUSTRIOUS, RELIABLE man and sober man to learn the industrial business. Apply 8 A. M. Monday to H. HUTH, Room 7, 27 Fourth ave. my18-74

WANTED—EXPERIENCED GLASS DECORATORS; apply immediately. H. F. WEBER, Fort Pitt Glass Works, Washington and Franklin sts., city. my18-33

WANTED—TWENTY-FIVE (25) ROLLING mill laborers; col'd.; good wages; no strike. Apply to the MANAGER, Keystone Rolling Mill Co., Lim., Pittsburg, Pa. my16-97

WANTED—TWO BRICKLAYERS—ACCUSTOMED to laying fire brick and capable of building heating furnaces. Address BRICKLAYERS, Dispatch office. my16-86

WANTED—A YOUNG MAN AS ASSISTANT bookkeeper must be a stenographer and typewriter; good reference required; state salary expected. M. W., Dispatch office. my18-136

WANTED—DRUG CLERK COMPETENT TO take charge; give reference and state salary expected. Address STEVENSON'S ANDEL PHARMACY, Greensburg, Pa. my15-17-WSU

WANTED—AGENTS IN EVERY CITY IN the United States; agents can make from $20 to $30 per week. Call on or address T. W. HAUS, Room 704, 708 Penn ave. my18-69

WANTED—FIRST-CLASS GENERAL MACHINIST, capable of taking charge of a floor and men. Apply at BUTLER & GARDNER'S, 200 Liberty st., cor. Short. my18-51

WANTED — REGISTERED DRUG CLERK; permanent position; must be reliable, sober, single; state age and how registered. Address, with reference, KALI, Dispatch office. my18-144

WANTED—YOUNG MAN FOR BILL CLERK and general office work; must be a good and rapid penman and come well recommended. Address, stating age, A. M., Box 414, Pittsburg. my18-130

WANTED—FOUR FIRST-CLASS ROUGHERS on guide mill at once; union mill; everything straight. Apply by telegraph to S. J. LEMONT, Bessemer Rolling Mill, Bessemer, Ala. my18-67

WANTED—A STOUT BOY TO LEARN horseshoeing and wagon blacksmith trade; one who has served apprenticeship in driving shoes preferred. G. M. KERR, West Liberty borough, Pa. my18-12

WANTED—A GOOD BOY TO DRIVE DELIVERY wagon and mak himself generally useful around a grocery store. Apply CORNER PENNSYLVANIA AVE. AND BIDWELL ST., Allegheny. my17-96

WANTED—DENTIST—FULLY COMPETENT to buy half interest in an old established and good paying practice in the best location in Pittsburg and take charge of same. Address B., Dispatch office. my18-119

WANTED — A SALESMAN FOR RETAIL drug and grocery trade; must be a hustler and not afraid to work; give experience, references and salary expected. Address K. S. CO., Dispatch office. my16-40

WANTED — FOR THE UNITED STATES army able-bodied, unmarried men, between the ages of 21 and 35 years; good pay, rations, clothing and medical attendance. Apply at No. 519 PENN AVENUE, Pittsburg, Pa. dec-16-su

WANTED—AGENTS—LATEST NOVELTY in hitching devices; no knots to untie; (self-lock); great invention; 872 sold in 16 days; wanted at once party with $300 to control entire State of Pennsylvania. S. I. SILSBY, Quincy, Ill. my15-63

WANTED — A COLLECTOR FOR THE Metropolitan Life Insurance Co.; a German preferred. Call at the corner of Twelfth and Carson sts. Monday from 9 to 10 A. M.; good chance for a good man. D. H. ESKEY, Asst. Supt. my18-150

WANTED—A STIRRING, RELIABLE MAN about 30 years of age; must be well educated and a hustler; none other need apply; salary $70 to $90 per month; must have $300 to invest. Call between 2 and 4 P. M., ROOM 45, Diamond building. my16-19

WANTED — AGENTS TO HANDLE A healthful and delicious summer beverage in concentrated form; a 25c bottle makes 5 gallons. The greatest seller of modern times. Address, THE AVERBECK DRUG CO., Youngstown, Ohio. my18-10

WANTED—AGENTS SHOULD WRITE FOR illustrated circular and terms for two weeks' trial of Missouri washer. It washes clothes clean in hot or cold water without rubbing; easily sold; profitable. J. WORTH, 54 Beekman st., New York City. no19-94-WSSU

WANTED—BAD WRITERS AT SMART'S Business College, 32 Federal street, Allegheny; open daily and evening; we compel the over P. M.; system of shorthand changed from Graham's to Eclectic, the briefest and simplest; instruction private for both sexes. my15-1-TTSSU

WANTED—A FEW GOOD RELIABLE MEN who can travel with fine specialty for physicians; pay liberal; position permanent with opportunities for advancement to right parties; no canvassing for books; this is no "catch-penny" advt.; investigation desired. Address O. W. CLOSE, 315 Wabash ave., Chicago, Ill. my18-107

WANTED—MEN—HONEST, TEMPERATE, energetic men—to travel and solicit orders for nursery stock; men with some knowledge of farming preferred; permanent employment to the right men; good reference required; state age, present and previous occupation. R. G. CHASE & CO., 1420 South Penn Square, Philadelphia, Pa. ap27-10-27, 29, 1, 3, 4, 11, 18

WANTED—AN ACTIVE MAN IN EVERY town in Western Pennsylvania and Eastern Ohio, as agent for one of the oldest, strongest and best accident associations doing business on a sound and attractive plan; to the right parties liberal terms. Address PEOPLE'S MUTUAL ACCIDENT INSURANCE ASSOCIATION, Hamilton Building, Pittsburg, Pa. my18-72

WANTED—AGENTS EVERYWHERE FOR our great book, "Stanley's Adventures in Africa;" remember this is the largest and best Stanley book published, over 800 pages, over 300 illustrations, at the low price of $2 00; we also give free a fine copper plate engraving of Stanley, suitable for framing, with each copy; we also pay highest commissions; if you want to make money fast call or write for illustrated circulars and terms. E. GATLEY & CO., 25 Federal st., Allegheny, Pa. my18-60

WANTED—SALESMEN ON SALARY OR commission to handle the new patent chemical ink erasing pencil; the greatest selling novelty ever produced; erase ink thoroughly in two seconds; no abrasion of paper; 200 to 500 per cent. profit; one agent's sales amounted to $930 in six days; another $62 in two hours; we want one energetic general agent for e ate and Territory; sample by mail 25 cts. ... and full particulars, address THE MONI ... 628 MFG. CO., La Crosse, Wis.

Female Help.

WANTED—A NURSE WITH GOOD REFERENCE. 134 RIDGE AVE., Allegheny. my18-68

WANTED—EXPERIENCED SALESLADIES at HIMMELRICH'S, 430 Market street. my18-101

WANTED—EXPERIENCED SALESLADIES; positively no other need to apply Monday at M. BLACK, 46 Ohio st., Allegheny City. my18-77

WANTED—A GOOD GIRL FOR GENERAL housework; must be experienced; family of two; best wages. Inquire at No. 295 FIFTH AVE. my18-3

WANTED—HOUSEKEEPER TO TAKE charge of a household; middle-aged or widow lady preferred. Please address, stating terms, etc., A. B. C., Homestead, Pa. my18-9

WANTED — LADIES WE OFFER YOU pleasant and profitable work at home or to travel. No experience needed; $15 weekly and upward. Address LOCK BOX 85, Columbus, O. my17-88-su

WANTED—TWO GIRLS AS COOK AND nurse; reference required; nurse to be a Protestant, of age from 25 to 40. Address W. S., Box 353, or apply at 4023 FIFTH AVE., Pittsburg, Pa. my17-5

WANTED—A LADY TO DO WRITING AT home; good wages. Address, with self-addressed stamped envelope, MISS FLORA D. JONES, South Bend, Ind., of the famous "Blush of Roses" for the complexion.

WANTED—AN EDUCATED PROTESTANT girl to nurse one child 5 years old; must speak pure French and German and be able to sew; none but best of references need apply; good wages. Address 24 LINCOLN AVE., Allegheny, Pa. my15-21

WANTED—TWO YOUNG LADIES OF intelligence and refinement to engage in a well paying business, to leave city; no money or experience required. For further information call at 204 Smithfield st., second floor, W. H. KNIGHT. my18-50

Situations.

WANTED—SITUATION AS NURSE: EIGHT years' experience with children; good reference. Address W. W., Dispatch office. my16-52

WANTED—JULY 1, 1890—SITUATION BY AN A 1 traveling salesman; Ohio territory preferred. Address WANTED, Dispatch office. my18-41

WANTED—SITUATION AS RETAIL GROCERY clerk; have large order trade; can furnish best of city references. Address S. R., Dispatch office. my17-4

WANTED—BY EXPERIENCED ACCOUNTANT, position as bookkeeper, cashier or correspondent in wholesale or manufacturing business; references. Address A. F., care Carrier No. 62. my17-24

WANTED—EMPLOYMENT BY INTELLIGENT, strictly temperate man, at timekeeping, car, ore or metal-weighing, or any work suiting a war cripple. Address B. R. P., 41½ Fifth ave., McKeesport, Pa. my16-62-WSSU

WANTED—SITUATION BY AN ENGLISH-MAN with A No. 1 testimonials; has had experience in coal and coke in Sheffield and other business centers in England. Address F. O. BOX No. 1, Mansfield Valley, Pa. my17-51

WANTED—SITUATION—THE UNDERSIGNED and second class cooks desire season's engagement at a summer resort; willing to take charge of larder and kitchen; first class references. Address C. L., Dispatch office.

WANTED—SITUATION BY TWO TRAVELING men having permanent sample rooms in Chicago in the wholesale district, and selling to both the large retail trade and jobbers here, wish some staple lines on commission to sell in Chicago and large surrounding towns; best references. Address F. 19, care Lord & Thomas, Chicago, Ill. my18-40

Boarders and Lodgers.

WANTED—OCCUPANTS FOR DESIRABLE parlors and other unfurnished rooms, at 40 PENN AVENUE. my17-80

WANTED — OCCUPANTS FOR A FURNISHED room; gents preferred. No. 207 SOUTH HIGHLAND AVE., East End. my18-25

WANTED—A YOUNG GENTLEMAN OF good address wishes a room-mate. Call at 197 FOURTH AVE., cor. of Ross street, Pittsburg. my15-72-TTRSU

WANTED — OCCUPANTS FOR NICELY furnished second story front room facing parks; suitable for two gents; terms reasonable. 204 FEDERAL ST., Allegheny. my18-115

WANTED—FOUR GENTLEMEN FOR TWO handsomely furnished rooms, (2½) two and one-half miles from Allegheny City, on Fort Wayne Railroad; beautiful views; excellent water; both gases; all the comforts of home to desirable parties; terms moderate; references exchanged. Please address COUNTRY, Dispatch office. my18-48

Boarding.

WANTED—BY GENTLEMAN AND WIFE, one large unfurnished front room, with board; Allegheny preferred. Address W. F., room 18, McCance block, Pittsburg, Pa. my18-90

WANTED—BOARD, WITH TWO ROOMS, BY a gentleman, wife and child; East End preferred; references exchanged. Address MERCHANT, Dispatch office. my18-137

Partners.

WANTED—A PARTNER WITH $50 TO $100, in good paying business. Address, PARTNER, Dispatch office. my18-102

WANTED—AN ACTIVE OR SILENT PARTNER with $5,000 to $10,000 capital in an established manufacturing and commercial business. Address COMMERCIAL, Dispatch office. my17-36

WANTED—A PARTNER WITH $2,000 TO PUT up against like amount with me in a big paying manufacturing business; first-class reference given and required. Address F. H., Dispatch office. my18-127

WANTED—PARTIES TO JOIN IN DEVELOPING a large oil, coal, iron and timber field in West Virginia; located in one of the richest mineral regions in the State, and very accessible. Address H. & R., St. James Hotel, Pittsburg, Pa. my17-49

Financial.

WANTED—MORTGAGES—MONEY TO LOAN in sums to suit at 4½, 5 and 6 per cent. ALLEN S. BAILEY, 154 Fourth ave. Tel. 167. ap19-14-TTSSU

WANTED—MORTGAGES IN LARGE AND small amounts at lowest rates. MACHUM & CUBBAGE, Room 34 Fidelity Building, 121 Fourth ave. feb9-61

WANTED—MORTGAGES—$1,000,000 TO LOAN on city and suburban properties at 4½, 5 and 6 per cent, and loan money in Allegheny and adjacent counties at 6 per cent. I. M. PENNOCK & SON, 147 Fourth avenue. ap7-74

WANTED—TO SELL 18 SHARES OF ARMENIA Insurance Co.'s stock; since 1874 have received cash dividends on said stock amounting to 170; necessity compels the owner to sell, but will not take less than par ($1,500). Address J. S., Dispatch office. my18-68

WANTED—TO SUPPLY CAPITAL—MANUFACTURING establishments desirous of increasing facilities can secure requisite capital by applying to W. H. HARGLAY, U. S. Pension Agent, this city. Examination must be satisfactory; communications confidential. my4-12-WSSU

WANTED—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. 103-su-su

Miscellaneous.

WANTED—SOME ONE TO ADOPT A healthy male child; one month old. MRS. MOSBAUGH, 105 Market st. my18-59

WANTED—YOU TO GET A BAKER'S dozen (13) of Steward & Co.'s fine cabinet photos for $1, at 80 and 82 FEDERAL ST., Allegheny. my28-49-TTSU

WANTED — A SECOND-HAND TANDEM bicycle or tandem tricycle; must be in good condition and cheap. Address, giving price, TANDEM, Dispatch office. my18-63

WANTED—ABOUT 5,000 YARDS OF BEST Allegheny river cobble stone delivered at McCandless ave., Eighteenth ward. E. BRACKEN, Contractor, 551 Carnegie ave. my17-25

WANTED—WILL GIVE FREE SITE AND free gas to manufacturers at Jeannette, on main line of Pennsylvania Railroad. ADDRESS JEANNETTE LAND CO., Greensburg, Pa. mh18-50-su

WANTED—TO SELL OR TRADE FOR property in city or Oakland, a suburban property; 9 rooms, 1½ acres ground and all modern improvements; fare 5 cts. Write and give particulars to J. O., Dispatch office, Pittsburg. my16-35

FOR SALE—IMPROVED REAL ESTATE

City Residences.

FOR SALE—$1,600—SCIOTO NEAR FITCH ST.; frame house; 4 rooms and good cellar; lot 30x100 feet. D. BEHEN & SON, 4112 Penn ave. my18-5

FOR SALE — A FOURTH AVENUE PROPERTY that is far below value to a quick buyer. C. H. LOVE, No. 93 Fourth avenue. my17-46

FOR SALE—$3,500—CLARK ST., NEAR MILLER, new brick house, five rooms and finished attic, inside shutters, nicely papered and finished; large lot. COOPER & PETTY, 107 Fourth ave. my18-138

FOR SALE—$6,000—EVELINE NEAR PENN; elegant new frame; 9 rooms, reception hall; porches, bathroom; all modern improvements; best finish; lot 45x125. D. BEHEN & SON, 4112 Penn ave. my18-5

FOR SALE—A PROPERTY ON FOURTH avenue, opposite the new Government building, for a price that is sure to increase in value; in fact is worth more to-day. C. H. LOVE, No. 93 Fourth avenue. my17-46

FOR SALE—$4,000—ON WYLIE AVE. CABLE line, cottage house, six rooms, gas, porch, good cellar, gas, water, boardwalks, etc.; nice view and surroundings; house in excellent condition; lot 64x148. COOPER & PETTY, 107 Fourth ave. my18-138

FOR SALE—A VERY DESIRABLE RESIDENCE property on Center ave., in the very best part of the avenue, an A No. 1 location for a physician; good sized lot, etc.; will sell on easy terms if desired. C. H. LOVE, No. 93 Fourth avenue. my17-46

FOR SALE—ROBERTS ST., HALF SQUARE from Wylie ave. cable cars, corner property; good brick house of five rooms, finished attic, both gases, city water, good cellar, etc.; lot, 22x80; a great bargain. COOPER & PETTY, 107 Fourth ave. my18-138

FOR SALE—$4,250—CONGRESS ST.; GOOD brick house of seven rooms, hall, bath, hot and cold water, both gases, laundry, slate mantels, stationary range; house newly papered and painted; a bargain. COOPER & PETTY, 107 Fourth ave. my18-138

FOR SALE—FINE WASHINGTON STREET property; new two-story mansard, pressed brick; eight rooms; all modern conveniences; three new three-story bricks in rear; good big lot; decided bargain. BAXTER, THOMPSON & CO., 162 Fourth ave. my18-92-TTSSU

FOR SALE—$1,650—ON MELWOOD AVE., near Thirty-third st., Thirteenth ward, lot 22x90, with good two-story frame house of four rooms and basement; one-half of all cash; bal. to suit purchaser; big bargain. THOS. MCCAFFREY, 3509 Butler st. my18-156-WSU

FOR SALE—NO. 275 FORTY-FIFTH ST., LOT 20x110, with new 2-story and mansard brick dwelling, 8 rooms, hall, bath, china closet, cemented laundry and newly papered throughout; one-half cash, balance to suit purchaser. See THOS. MCCAFFREY, 3509 Butler st., city. my18-157-WSSU

FOR SALE—$6,100—COR. FORTY-SEVENTH and Plummer sts., Seventeenth ward, lot 47x100, with frame dwelling and business house of seven rooms and attic; No. 1 location for any kind of business; terms, one-half cash, bal. to suit; will sell vacant lot 22x100 for $1,800, at terms to suit. Particulars of THOS. W. MCCAFFREY, 3509 Butler st. my10-85-WSSU

FOR SALE—BLUFF STREET PROPERTY—elegant residence, pressed brick front of 9 rooms, bath, w. c., vestibule, hall, slate mantels, parlors are raised cellar; lot 24x130 ft. to an alley; biggest bargain ever offered on Bluff st.; possession at once; send for new price list. ALLEN S. BAILEY, 154 Fourth ave. Telephone 167. my17-ex-WSSU my14

FOR SALE—A CHOICE INVESTMENT ON A leading ave., only three minutes from Court House, corner property; new three-story brick, eight rooms and storeroom; new brick dwelling of 4 rooms; also two brick dwellings of seven and eight rooms each; all contain the latest improved conveniences; lot 62x109 to st. COOPER & PETTY, 107 Fourth ave. my18-138

FOR SALE—$4,500—ON WYLIE AVE. CABLE line, 8 minutes' ride from the Court House, elegant new brick dwelling; 9 rooms, hall, vestibule, double parlors, bath, inside w. c., laundry, with stationary tubs, inside shutters, bath gases, slate mantels, all conveniences; lot 24x100; first-class neighborhood; possession given at once; a great bargain. COOPER & PETTY, 107 Fourth ave. my18-138

FOR SALE—DESIRABLE BUSINESS PROPERTY, Fifth ave., near Seneca st., brick dwelling of 4 stores, 4 rooms, bath, cellar, store room; in rear frame dwelling, 5 rooms and attic; yard paved; sewered; side entrance; lot 20 ft. by 115 to Ann st.; established grocery business of 4 years' standing; sell with or without stock; send for new price list. ALLEN S. BAILEY, 154 Fourth ave. Tel. 167. my18-62-WSSU

East End Residences.

FOR SALE—HOWLEY NEAR MAIN ST.; beautiful new frame house; 6 rooms, hall, attic, water, inside shutters, sliding doors, etc.; lot 20x100 feet. D. BEHEN & SON, 4112 Penn ave. my18-5

FOR SALE—NEW BRICK HOUSE, 13 ROOMS; all conveniences; lot 50x125 feet; near paved street, Nineteenth ward; handy to P. R. R. and cable; price, $6,500. MELLON BROTHERS, 6349 Station st., E. E. my18-44-TTSU

FOR SALE—$15,000—NEW BRICK, 15 ROOMS; elegant finish; all conveniences; handsomely located on paved street; lot, 68x153; Nineteenth ward; handy to P. R. R. and cable. MELLON BROTHERS, 6349 Station st., E. E. my18-44-TTSU

FOR SALE—NEAT, NEW DWELLING HOUSE of seven rooms, bath, range, hall, front and rear porches, both gases, inside w. c., near Shady-side station; lot 30x100; immediate possession; easy terms. GEORGE SCHMIDT, 157 Fourth ave. my18-18

FOR SALE—$4,000—HANDSOME HOME "Shady Side;" new Queen Anne house, 6 rooms; conveniences; now occupied by owner and in perfect condition; nice large lot; attractive surroundings. CHARLES SOMMERS & CO., 313 Wood st., 6019 Penn ave. my15-53

FOR SALE—$3,000—NICE CORNER; GOOD lot, E. E. street; near to both cables; an attractive home suitable as a location for business and worthy of attention as an investment; lot 40x120; with house of 6 rooms. CHARLES SOMMERS & CO., 313 Wood st., 6019 Penn ave., E. E. my15-53

FOR SALE—EIGHT ACRES, WITH FINE mansion house of 12 rooms; all modern conveniences; good stable and outbuildings; elegant shade and fruit trees; within two minutes' walk of Fifth ave. cable cars; one of the most delightful locations in East End; this property will make one of the finest residence properties in the city, or can be subdivided and disposed of to great advantage on the selling price. If sold soon. THOS. LIGGETT, 114 Fourth ave.; 71 Diamond st. after May 20. my18-75

FOR SALE—SHADYSIDE RESIDENCE—NEW two-story frame Queen Anne residence, 10 rooms, bath and laundry, porches, h. & c. water, nat. gas, wired for electric light, inside w. c., slate mantels, tile hearths; in fact a complete home in every respect, beautifully located in a good neighborhood; first-class advantages for rapid transit, being within five min. walk of Shadyside sta. and two min. of proposed Center ave. line; very cheap at $6,500; see it. GEO. C. SLEETH, Penn and Shady aves., East End. my17-39-TTSSU

Allegheny Residences.

FOR SALE—AT AN EXCEEDINGLY LOW price; Jackson, near Arch st., Second ward, Allegheny; corner property; good frame dwelling of six rooms, large lot, both gases, city water, washhouse; all sewered and in nice condition; lot, 22x77.8; terms to suit. COOPER & PETTY, 107 Fourth ave. my18-138

FOR SALE—MOST DESIRABLY LOCATED property on Montgomery avenue, Allegheny; fronting park, 115 feet; improvements consist of double brick house on one corner and two frame houses on other. Will be sold separately or as a whole. This a chance seldom offered to secure such valuable property. Price reasonable to quick buyer. Full particulars from J. B. LARKIN & CO., 152 Fifth ave. my17-63

Suburban Residences.

FOR SALE—SEVERAL HOUSES AND LOTS at and near Wilkinsburg, varying in price from $2,000 upward; some of them are very cheap. C. H. LOVE, No. 93 Fourth avenue. my17-46

FOR SALE—$5,200—NO. 6 GRANT AVENUE, Millvale borough; lot 22x125; new two-story and mansard frame business house and dwelling; finished in best of style; containing hall, store, bath and 8 rooms; good stable on rear of lot; best location in the borough for any kind of business; terms ½ cash, bal. to suit. See THOS. MCCAFFREY, 3509 Butler st. my10-85-WSSU

FOR SALE—ON MAIN ST., CHARTIERS, beautiful location, lot 50x100, with new double Queen Anne dwelling of 7 rooms and bath; finished attic in each; porches front and rear; houses finished in latest modern style; beautiful lawn, etc.; price for both, $5,250; will sell one house and lot, 50x100, for $3,000; very easy payments