THE DAILY PITTSBURGH GAZETTE.

ESTABLISHED IN 1786. PITTSBURGH, WEDNESDAY MORNING, OCTOBER 26, 1853. VOLUME LXVII—NUMBER 63.

PITTSBURGH GAZETTE.

PUBLISHED DAILY AND WEEKLY BY WHITE & CO.

D. N. WHITE.] [SAMUEL HAIGHT.

OFFICE ON THIRD STREET, NEXT DOOR TO THE POST OFFICE.

TERMS.

DAILY—Seven dollars per annum, payable half yearly. Dollars if paid in advance.

WEEKLY—Two dollars per annum, in advance. Cl. be supplied on the following conditions:—

Three copies per annum $5 00
Six copies do 9 00
Ten copies do 12 00
Twenty copies do 20 00

The packet for each club to be addressed to one person, and to be paid invariably in advance. No club papers will be sent after the year expires, unless the money is paid for a renewal.

RATES OF ADVERTISING.

One Square, (10 lines of Nonpareil,)	one insertion	$0 50
Do.	each additional insertion	0 25
Do.	one week	1 75
Do.	two weeks	3 00
Do.	three weeks	4 00
Do.	one month	5 00
Do.	two months	6 00
Do.	three months	7 00
Do.	four months	10 00
Do.	six months	11 00
Do.	twelve months	18 00

Standing Cards, (6 lines or less per annum) 6 00. One Dollar for each additional line. One Square, changeable at pleasure, (per annum) exclusive of the paper .... 25 00. For each additional square, inserted over one month, and for each additional square inserted under the yearly rates, half price.

Advertisements exceeding a square, and not over fifteen lines, to be charged as a square and a half. Publishers not accountable for legal advertisements beyond the amount charged for their publication. Announcing candidates for office, to be charged the same as other advertisements. Advertisements not marked on the copy for a specified number of insertions, will be continued till forbid, and payment exacted accordingly.

The privilege of annual advertisers is strictly limited to their own immediate business; and all advertisements for the benefit of other persons, as well as all advertisements not immediately connected with their own business, and all classes of advertisements, in length or otherwise, beyond the limits engaged, will be charged at the usual rates. For all such transient advertisements, bills will be presented for payment. All advertisements for charitable institutions, fire companies, ward, township and other public meetings, and such like, to be charged half price, payable strictly in advance.

Marriage notices to be charged 50 cents. Death notices inserted without charge, unless accompanied by funeral invitations or obituary notices, and when so accompanied, to be paid for.

Regular advertisers, and all others sending communications, or requiring notices designed to call attention to Fairs, Soirees, Concerts, or any public entertainments, where charges are made for admittance—all notices of private associations—every notice designed to call attention to private enterprises, calculated or intended to promote individual interest, can only be inserted with the understanding that the same is to be paid for. If intended to be inserted in the local column, the same will be charged at the rate of not less than 10 cents per line. Bishop or WS. notices to be charged triple price. Tavern License Petitions $2 each. Real Estate Agents' and Auctioneers' advertisements not to be classed under yearly rates, but to be allowed a discount of thirty three and one third per cent. from the amount of bills.

WEEKLY OR TRI-WEEKLY IN DAILY PAPERS.

One Square, three insertions $1 50
Do. each additional insertion 37

ADVERTISEMENTS IN WEEKLY PAPER.

One Square (10 lines) one insertion .... 50 cents.
Do. each additional insertion .... 25 cents.

All transient advertisements to be paid in advance.

RATES OF DISCOUNT.

CORRECTED DAILY, FOR THE PITTSBURGH GAZETTE, BY N. HOLMES & SONS, Bankers

No. 61 Market st. between Third and Fourth sts. Pittsburgh

PENNSYLVANIA.		Branch at Massillon	½
Bank of Pittsburgh	par	Branch at Wooster	do
Exchange Bank of do	par	Branch at Xenia	do
Mer. and Man. of do	par	Branch at Youngstown	do
Bank of Commerce	par	City Bank, Cincinnati	do
Bank of North America	par	Commercial Bk, Cincinnati	do
Bank of North Liberties	par	Franklin Bank	do
Bank of Pennsylvania	par	Ohio Life Ins. & Trust Co.	do
Bank of Penn Township	par	Western Reserve Bank	do
Bank of the United States	12	Bank of Massillon	do
Commercial Bank of Pa.	par	Small Notes	2
Farmers' & Mechanics' Bk	par	NEW ENGLAND.	
Girard Bank	par	All solvent Banks	¾
Kensington Bank	par	NEW YORK.	
Manufac. & Mech. Bank	par	New York City	par
Mechanics' Bank	par	Country	½
Moyamensing Bank	par	MARYLAND.	
Philadelphia Bank	par	Baltimore	par
Southwark Bank	par	Country	½
Tradesmen's Bank	par	N. JERSEY & DELAWARE.	
Western Bank	par	All solvent banks	½
Bank of Chambersburgh	½	VIRGINIA.	
Bank of Chester County	par	Bank of the Valley	1
Bank of Danville	½	Bk of Virginia, Richmond	1
Bank of Del. Co., Chester	par	Bank of Va., Norfolk	1
Bank of Germantown	par	Farmers' Bank of Virginia	1
Bank of Gettysburgh	½	Merchants' & Mech. Bank	1
Bank of Lewistown	½	North Western Bank	1
Bank of Middletown	½	Small notes	1
Montgomery Co. Bank	par	NORTH CAROLINA.	
Bank of Northumberland	par	Bank of Cape Fear	2
Carlisle Bank	½	Bk of St. of N. Carolina	2
Columbia Bk & Bridge Co.	par	Commercial Bk, Wilming'n	2
Doylestown Bank	par	Merchants' Bank, Newbern	2
Easton Bank	par	SOUTH CAROLINA.	
Erie Bank	3	Bk of the St. of S. Carolina	2
Farmers' Bk of Bucks Co.	par	Bank of Charleston	2
Farmers' Bk of Lancaster	par	Bank of Camden	2
Farmers' Bk of Reading	par	Planters' & Mechanics' Bk	2
Farm. Bk of Schuylkill Co	par	GEORGIA.	
Farm. & Dro. Waynesburg	½	Augusta Ins. & Banking Co	2
Franklin Bk, Washington	par	Bank of Augusta	2
Harrisburg Bank	½	Bk of Brunswick, Augusta	2
Honesdale Bank	½	TENNESSEE.	
Lancaster Bank	par	All solvent bank	2
Lancaster County Bank	par	KENTUCKY.	
Lebanon Bank	½	Bk of Kentucky, Louisville	½
Miners' Bank of Pottsville	½	Bk of Louisville, Thurston	½
Monongahela Bank	par	Northern Bk of Kentucky	½
West Branch Bank	½	Southern Bk of Kentucky	½
Wyoming Bk, Wilk'sbarre	½	MISSOURI.	
York Bank	½	Bk of State of Missouri	½
Relief Notes	1	ILLINOIS.	
OHIO.		State Bank and branches	50
Branch at Akron	½	Bank of Illinois	50
Branch at Athens	do	WISCONSIN.	
Branch at Bridgeport	do	Marine & Fire Ins. Co. chks	3
Branch at Chillicothe	do	MICHIGAN.	
Branch at Cleveland	do	Farmers' & Mechanics' Bank	2
Branch at Dayton	do	Government Stock Bank	5
Branch at Delaware	do	Peninsular Bank	5
Branch at Columbus	do	Lawrence Company	5
Branch at Ashtabula	do	State Bank	5
Branch at Salem	do	CANADA.	
Branch at Mansfield	do	Bk of B. N. America, Toronto	5
Branch at Ripley	do	Bank of the People, Toronto	5
Branch at Cincinnati	do	Bank of Montreal	5
Branch at Lancaster	do	Bk of U. Canada, Toronto	5
Branch at Circleville	do	EASTERN EXCHANGE.	
Branch at Cadiz	do	New York	par
Branch at Steubenville	do	Philadelphia	par
Branch at Mt. Vernon	do	Baltimore	par
Branch at Newark	do	WESTERN EXCHANGE.	
Branch at Elyria	do	Cincinnati	par
Branch at Springfield	do	Louisville	par
Branch at Marietta	do	St. Louis	par
Branch at Mt. Pleasant	do	GOLD AND SPECIE VALUE.	
Branch at Zanesville	do	Doubloons, Spanish	16,00
Branch at Norwalk	do	do Patriot	15,50
Branch at Piqua	do	Eagle, old	10,00
Branch at Portsmouth	do	Eagle, new	10,00
Branch at Sandusky	do	Fredericksd'ors	7,80
Branch at Ravenna	do	Ten Thalers	7,80
Branch at Chillicothe	do	Ten Guilders	4,00
Branch at Urbana	do	Napoleons	3,83
Branch at Toledo	do	Ducats	2,20

PRICES OF STOCKS.

REPORTED FOR THE PITTSBURGH GAZETTE, BY A. WILKINS & Co. STOCK AND EXCHANGE BROKERS, NO. 71, FOURTH STREET.

PITTSBURGH, October 25 1853.

[illegible — stock price table: Loans (United States 6's, Pennsylvania 5's, Allegheny Co. 6's, Pittsburgh city 6's, Allegheny city 6's); Bank Stocks (Bank of Pittsburgh, Merchants' & Manuf. Bank, Exchange Bank, Allegheny Savings Bank); Bridge Stocks (Monongahela Bridge, St. Clair St. Bridge, Hand St. Bridge, Northern Liberties, Williamsport Bridge); Insurance (Pittsb'h Life Insurance, Western Insurance Co., Citizens' Insurance Co., Associated Firemen's); Telegraph (Pittsb'h to Phil's, Pittsburgh & Louisville, Lake Erie, Morse's Magnetic); Rail Road (Pittsburgh Gas Works, Monongahela Navigation, Youghiogheny Navigation, Penn'a. Central Rail Road, Ohio & Penn'a. Rail Road, Cleveland & Wellsville R. R., Marine R. Way, Dry Dock, Turtle Creek Plank Road, etc.); Copper (Minnesota, Pittsburgh & Boston, North American, North West, North Western, Iron City, Eureka, Pittsburgh & Isle Royal, Ohio, Adventure, Merchants', Douglass Houghton, Ohio Trap Rock, Ridge, Fire Steel, Jolling, Toltec, National, Avery, Phoenix, etc.)]

GEORGE E. ARNOLD & CO.,
BANKERS,
DEALERS IN EXCHANGE, COIN, BANK NOTES, &C. No 74 Fourth st., next to Bank of Pittsburgh. Notes and Drafts collected on all parts of the Union. Stocks bought and sold on commission. oc1

A. WILKINS & CO., BANKERS AND EXCHANGE BROKERS, NO. 71 FOURTH STREET, Opposite the Bank of Pittsburgh. All Transactions at most liberal Rates.

Reese's Patent Coupling and Foreplate, FOR NAIL-PLATE AND SHEET-ROLLS, CAN NOW BE SEEN IN OPERATION at Messrs. Baily, Brown & Co.'s Rolling Mill, Pittsburgh, or the "Sharon Works," Mercer county, Pa. The advantages of my improvement are—that it obviates the necessity of stopping the engine or throwing off the roll when keying, as the top roll is connected and disconnected in an instant without reference to the engine, crab or anything else. The FOREPLATE is also constructed so simple and complete that it is placed or displaced in half a minute, without removing a guide, scraper, bolt or nut. The last, though not least advantage of my improvement is, that if by it you are enabled to Scour the Rolls in Sheet Iron that has every been polish on Nail-plate and other rolls, or a right to use the same, can be obtained of the inventor. JACOB REESE, Manager of "Clinton Mills," Pittsburgh.

BUSINESS CARDS.

ATTORNEYS.

ALEX. W. FOSTER, Attorney and Counsellor at Law. No. 47, Fourth street, near Market. Pittsburgh. novl4d1y

J. S. MORRISON, Attorney and Counsellor at Law, Office removed to No. 44. Grant street, Pittsburgh, Pa.

J. W. HALL, Attorney at Law, "Bakewell's Buildings," Grant street, between Fourth street and Diamond alley. an20:ly

ROBERT POLLOCK, Attorney at Law—Corner of Fifth and Grant streets, opposite the Court House steps, Pittsburgh. my24y'53

REUBEN MICKEL, Attorney and Counsellor at Law, M'Keesport, Allegheny County. N. B. Special and prompt attention given to Collecting; and Conveyancing carefully attended to. de15-ly

D. CRAIG, Attorney at Law, New Castle, Lawrence County, Pennsylvania. Refer to Hon. Walter Craig, Cross Creek; J. Dunlop, Esq; Hampton & Smith, Kramer & Rahm, H. Childs & Co. Lowrie, Wilson & Co., H. Lee. ap26-d1y

JAMES J. KUHN, Attorney at Law, office, Fourth street, near Grant, Pittsburgh. ja15:ly

R. P. SPALDING, Attorney and Counsellor at Law—CLEVELAND, Ohio. REFERENCES—A. W. Loomis, Shaler & Stanton.

JAMES F. KERR, Attorney at Law—Office on Fourth st., between Smithfield and Grant, Pittsburgh.

JOS. WEAVER, Attorney at Law, Fourth street, near the Mayor's Office, Pittsburgh. Collections attended to promptly. my12:ly

N. P. & G. L. B. FETTERMAN, Attorneys at Law and Real Estate Agents, No. 107 4th street Pittsburgh. feb10

FRANCIS C. FLANEGIN, Attorney at Law, No. 170 Fourth street, Pittsburgh.

JASPER E. BRADY, Attorney at Law, No. 89 Fifth street, Pittsburgh.

J. HARRISON SEWELL, Attorney at Law; Ohio State Commissioner for taking Depositions, Acknowledgments of Deeds, &c. Office—Fourth street, above Smithfield. mr24:ly

BANKERS AND BROKERS.

CUTTER, BRODHEAD & CLAPP. 29 STATE STREET, BOSTON, BANKERS, & DEALERS IN EXCHANGE, Checks, Drafts, Certificates of Deposite, AND Uncurrent Money bought at lowest rates. Collections made on all parts of the Union. REFERENCES: BOSTON—Franklin Haven, Esq., W. H. Foster, Esq. Cashier Bank of Commerce, Messrs. J. E. Thayer & Bro., J. M. Bebe, Morgan & Co., E. D. Brigham & Co. NEW YORK—Messrs. G. S. Robbins & Sons; Curtis, Beale & Fearing, Carpenter & Vermilye, McCurdy, Aldrich & Spencer. PHILADELPHIA—Messrs. W. H. Newbold & Son, Grant & Stone. Messrs. Corcoran & Riggs, Washington, D. C. nov15:d1y

ALLEN KRAMER.........EDWARD RAHM.........FLORENCE KRAMER

KRAMER & RAHM, Bankers and Exchange Brokers, BUY and sell Gold, Silver and Bank Notes, negotiate loans on Real Estate or Stock Securities, purchase Promissory Notes, and Time Bills on East and West. Buy and sell Stocks on commission. Collections made on all points in the Union. Office, corner of Third and Wood streets, directly opposite the St. Charles Hotel. my1:d1y

H. D. King, COIN, STOCK AND EXCHANGE BROker, Fourth street—Buys and sells Stocks on Commission; Exchange on Eastern cities supplied at current rates; Collections made on the West at low rates; Western Bank Notes bought and sold. jy28

WATERMAN PALMER.........JOSHUA HANNA.........WM. E. HART

PALMER, HANNA & CO., Successors to Hussey, Hanna & Co., BANKERS, EXCHANGE BROKERS, and dealers in Foreign and Domestic Exchange, Certificates of Deposit, Bank Notes, and Specie—North West corner of Wood and Third streets. Current Money received on deposit. Sight Checks for sale, and collections made on nearly all the principal points of the United States. The highest premium paid for Foreign and American Gold. Advances made on consignments of Produce, shipped east, on liberal terms.

BAIRD & IRVIN, Real Estate, Stock and Bill Brokers, No. 45, Fifth st. ap6

WM. A. HILL & CO., Bankers and Brokers, 64 Wood st.

WM. H. WILLIAMS & CO., Bankers and Exchange Brokers, North East corner of Wood and Third streets, Pittsburgh. All transactions made on liberal terms, and collections promptly attended to. ja1:ly

A. WILKINS & CO., Exchange Brokers, No. 75 Fourth Street, opposite the Bank of Pittsburgh. All transactions on most liberal rates. jy10

WM. LARIMER, JR., Banker and Broker, Fifth street, No. 65, adjoining the Bank of Pittsburgh.

N. HOLMES & SON, Dealers in Foreign and Domestic Bills of Exchange, Certificates of Deposite, Bank Notes and Specie, No. 59 Market street, Pittsburgh. Collections made on all the principal cities throughout the United States.

BOOKSELLERS AND STATIONERS.

R. C. STOCKTON, late Johnston & Stockton, Bookseller, Stationer, Printer, and Binder, corner of Market and Third streets, Pittsburgh.

J. L. READ, Bookseller and Stationer, No. 78 Fourth street, Apollo Buildings.

J. R. Weldin. WHOLESALE and Retail Dealer in Blank and School Books, Paper and Stationery, No. 53 Wood street, (between Third and Fourth,) Pittsburgh. mar20

DRUGGISTS.

L. WILCOX, JR.........JOSEPH FLEMING

L. WILCOX & CO., Druggists and Apothecaries, corner Market street and the Diamond. Keep constantly on hand a full and complete assortment of Drugs, Medicines, Perfumery, and articles pertaining to their business. Physicians prescriptions carefully compounded. my10

John P. Scott. WHOLESALE Dealer in Drugs, Paints, Oils, Varnishes and Dye Stuffs, No. 298, Liberty street, Pittsburgh. All orders will receive prompt attention. Agent for Londen & Co's valuable family medicines. mar8:ly

B. A. FAHNESTOCK & CO., Wholesale Druggists, and manufacturers of White Lead, Red Lead and Litharge, corner Wood and Front streets, Pittsburgh. mch7

R. E. SELLERS, Wholesale Dealer in Drugs, Paints, Dye Stuffs, Oils, Varnishes, &c., &c., No. 57, Wood street, Pittsburgh. Goods warranted. Prices low.

FREDERICK BRAUN.........GEORGE REITER.

BRAUN & REITER, Wholesale and Retail Druggists, corner of Liberty and St. Clair sts., Pittsburgh.

J. SCHOONMAKER & CO., Wholesale Druggists, No. 24 Wood st., Pittsburgh.

COMMISSION AND FORWARDING.

WILLIAM A. McCLURG, DEALER IN FINE TEAS, CHOICE FAMILY GROCERIES, WOODEN AND WILLOW WARE. CORNER OF WOOD AND SIXTH STREETS. Is now receiving a large assortment of Fresh Goods, in addition to his already extensive stock, purchased from first hands in the Eastern markets, which will be sold at the lowest market prices. Hotels, Steamboats, and Families, buying by the quantity, supplied at wholesale rates. Goods delivered in the city free of charges. [ap18

ALEX. M'BANE.........ANGUS M'BANE.

A. & A. M'BANE, COMMISSION and FORWARDING MERCHANTS, dealers in Wool and Produce generally; also, Pittsburgh Manufactures, No. 114 Second street, Pittsburgh. ap6-ly'53

C. WELLS & CO., COMMISSION MERCHANTS AND WHOLESALE DEALERS IN BACON, FISH, FLOUR, DRIED FRUITS, AND COUNTRY PRODUCE GENERALLY. No. 335 Liberty street—Commercial Row. ap15:y'53 PITTSBURGH.

J. S. LEECH, McALPIN & CO., WHOLESALE GROCERS, AND DEALERS IN PROVISIONS, METALS & PITTSB'G MANUFACTURES. Nos. 242 and 244 Liberty street, Pittsburgh.

S. MORROW GILBERT.........THOMAS E. FREDERICK.

Gilbert & Frederick. WHOLESALE GROCERS, Produce Dealers, Forwarding and Commission Merchants, No. 18 Wood street, Pittsburgh. Liberal cash advances on consignments. All goods insured if desired. ap15

ROBT. ROBISON.........SAML. R. ROBISON.

R. Robison & Co. WHOLESALE Grocers, Produce Dealers, and Commission Merchants, No. 255 Liberty st., Pittsburgh. ja10

Luke Tate, FORWARDING and Commission Merchant; and Special Consignee for the Pennsylvania Rail Road Company, No. 59 Water st., and 58 Front st., opposite the Rail Road Depot on the wharf. Western consignments to be forwarded by rail road will be received at his landing and delivered at the platform to the Company's Agent, there to be loaded into the cars. Steamboat charges paid. Bills of lading transmitted, and all instructions of owners or consignees faithfully carried out. East'rn consignments will be received on the platform, from the cars; freight and charges paid, and the goods forwarded immediately by steamboat, railroad, or otherwise, as directed. Persons wishing their goods insured, will please give requisite and timely notice to that effect. Sales and purchases made, and orders for Pittsburgh manufactures filled on liberal terms. ja22

J. S. Dilworth & Co. COMMISSION and Produce Merchants, Agents for the sale of Hazard's and Laflin's & Smith's celebrated Gunpowder and Safety Fuse, 31, Wood street, Pittsburgh. ja1

Springer Harbaugh. (SUCCESSOR TO S. & W. HARBAUGH.) COMMISSION & FORWARDING Merchant, Dealer in Flour, Wool and Produce generally, No. 145 First st., and 116 Second st., Pittsburgh. ap1

W. KENDRICK, Forwarding and Commission Merchant; also, Agent for Manufacturers, Warehouse, No. 22 Wood street, Pittsburgh. Particular attention paid to Forwarding Merchandise, and consignments for sale. No connection, or preference for Boats of any description. Orders promptly attended to. Instructions will in all cases be implicitly obeyed. Your business is respectfully solicited; and I pledge myself to use every exertion in your behalf. ja15:y

KIER & JONES, Forwarding and Commission Merchants, Dealers in Produce and Pittsburgh Manufactured articles. Canal Basin, near Seventh street, Pittsburgh.

WM. F. JONES.

HARDY, JONES & CO., Successors to Alwood, Jones & Co., Commission and Forwarding Merchants, dealers in Pittsburgh Manufactured Goods, Pittsburgh.

MANUFACTURERS.

L. R. LIVINGSTON.........CALVIN ADAMS.........J. K. MOORHEAD. J. J. ROGGEN.........W. D. COPELAND.

LIVINGSTON, ROGGEN & CO. NOVELTY WORKS, PITTSBURGH, PA.

TRACK and Depot Railroad Scales, Hay, Cattle and Grain do. Platform and Counter do. Door Locks of all sizes, Spring, Drop and Thumb Latches, Coffee Mills of various kinds; Paint Mills, approved patterns; Bolts and Castings; Malleable Iron Castings of every variety in form and finish. dtf

ALLEGHENY FOUNDRY.

JOHN M'DONOUGH.........JOHN H. STEWART.

McDONOUGH & STEWART, MANUFACTURERS of every description of Cooking, Heating and Fancy STOVES, Sad and Dog Irons, Wagon Boxes, plain and fancy Grates and Fronts, Tea Kettles, and every description of FOUNDRY CASTINGS. Office and Warehouse No 253 Liberty street, Pittsburgh. jy4:63

MAFFETT & OLD, BRASS FOUNDERS, PLUMBERS AND GAS FITTERS, 127 and 129 First Street, Pittsburgh, AND FEDERAL STREET, OPPOSITE RAILROAD STATION, ALLEGHENY. MANUFACTURE all kinds of Water, Gas and Steam Fittings. Houses fitted up with Gas and Water on short notice. my4:tf

J. HOWARTH & BROTHER MARBLE MASONS, 394 Liberty street, near Seventh, RESPECTFULLY inform their friends, and the public generally, that they have opened their MARBLE WORKS at the above stand, where they keep on hand a large supply of beautiful MARBLE MANTELS, of Grecian and Gothic styles; MONUMENTS, TOMBS, HEAD STONES, FURNITURE SLABS, &c., which they offer at extremely low prices. Marble in Block, Slabs, and sawed to order. Cemetery lots enclosed, with Baden and Freeport Stone. ap14

NICHOLSON & PAYNE, Manufacturers of COOKING STOVES, GRATES, FRONTS, FENDERS, &c. Liberty street, opposite Wood. EARNESTLY direct attention to a new and handsome pattern of PARLOR STOVE, just completed; also, to their new patterns of coal COOKING STOVES, known as the "Keystone State" and the "Western Star." These Stoves in neatness of finish, economy of supply, and soundness of material, surpass anything of the kind yet offered to the public. In addition to the articles alluded to above, their general stock comprises everything in their line, with the most approved improvements in view of real utility. Platform and Counter SCALES, Bark Mills, Wagon Boxes, Hollow Ware, Sad and Dog Irons, Sugar and Tea Kettles, &c., in every possible variety of style and finish. An inspection is solicited. [mh16:y'53

TOOL WORKS, CORNER OF FIRST AND LIBERTY STREETS, PITTSBURGH, PA. MACHINISTS' TOOLS of every variety, such as IRON PLANERS, Slide and Hand TURNING LATHES, DRILLING MACHINES, &c. &c., manufactured to order. fe12 JOSEPH F. HAMILTON & CO.

ISAAC JONES.........JOHN F. QUIGG.

Jones & Quigg. MANUFACTURERS of Spring and Blister Steel, Plough Slab Steel, Steel Plough Wings, Coach and Elliptic Springs; Brass Nut Taper, Half Patent, Screw Mail and Hammered Iron Axles—Corner of Ross and First sts., Pittsburgh.

JONES & QUIGG.........D. B. ROGERS.

D. B. Rogers & Co. MANUFACTURERS of Roger's Patent Improved Steel Cultivator Teeth—Corner of Ross and First streets, Pittsburgh. fe12

Coach and Carriage Factory JOHNSTON, BROTHER & CO. CORNER of Belmont and Rebecca streets, Allegheny city, would respectfully inform their friends, and the public generally, that they are manufacturing Carriages, Barouches, Rockaways, Buggies, Sleighs and Chariots, in all their various styles of finish and proportion. All orders will be executed with strict regard to durability and beauty of finish. Repairs will also be attended to on the most reasonable terms. Using in all their work the best Eastern Shafts, Poles and Wheel Stuff, they feel confident that all who favor them with their patronage will be perfectly satisfied on trial of their work. Purchasers are requested to give them a call before purchasing elsewhere. oc6

Penn Cotton Mills, Pittsburgh. KENNEDY, CHILDS & CO. Manufacturers of Plain A. No. 1 heavy 4-4 Sheetings; Carpet Chain of all colors and shades; Cotton Twine; Bed Cords; Plough Lines and Sash Cord; Rope of all sizes and descriptions; Batting. Orders left at the Hardware Store of Logan, Wilson & Co., 131 Wood street, will have attention. ja22:ly

WM. A. HERRON.........JAMES CRISWELL

Herron & Criswell, BELL AND BRASS FOUNDERS, MANUFACTURERS of all kinds of Brass Work, Locomotive, Steam Engine, Plumbers, &c. Also, Cotton Batting Manufacturers. FOUNDRY, Rebecca street, Allegheny city. WAREROOM, No. 12, Market st. near First, Pittsburgh. N. B.—Old Brass and Copper taken in exchange for work, or cash paid. Orders left at the Foundry or Office, will be attended to punctually. fe12:y

New Coach Factory—Allegheny. M. A. WHITE & CO. would respectfully inform the public that they have erected a shop on Lacock, between Federal and Sandusky streets. They are now making and are prepared to receive orders for every description of vehicles, Coaches, Chariots, Barouches, Buggies, Phaetons, &c., &c., which, from their long experience in the manufacture of the above work, and the facilities they have, they feel confident they are enabled to do work on the most reasonable terms with those wanting articles in their line. Paying particular attention to the selection of materials, and having none but competent workmen, they have no hesitation in warranting their work. We therefore ask the attention of the public to this matter. N. B. Repairing done in the best manner, and on the most reasonable terms. ja30:y

Lotz & Braun. FRESCO, House, Sign and Ornamental Painters and Japaners, No. 40 Market street, between Second and Third sts., Pittsburgh. All kinds of Paintings for Churches, Rooms, &c., in water and oil colors, done in the most modern style; Transparent Window Blinds, imitation of Wood, Marble and Bronze. Manufacturers of Patent Metal Letters. Dealers in mixed Paints, Putty, Lime and Plaster. ap7

J. A. BROWN would most respectfully inform the public that he keeps on hand, at his stand on the west side of the Diamond, Allegheny city, a complete assortment of Venitian Blinds; also, Venitian Shutters are made to order, in the best style, warranted equal to any in the United States. His Blinds can be removed without the aid of a screw driver. Having purchased the stock, tools, and wood of the Cabinet Establishment of Ramsey & McClelland, I am prepared to furnish their old customers, as well as the public at large, with everything in their line. Agency, No. 5 Wood street, Pittsburgh. mch26 J. A. BROWN.

J. W. WOODWELL, Wholesale and Retail Manufacturer and Dealer in Cabinet Ware, No. 83, Third street.

BENNETT & BRO., Manufacturers of Plain and Fancy Yellow, Rockingham and Queens Colored Ware. Office at the manufactory, corner of Washington and Franklin streets, Birmingham, opposite Pittsburgh. mar30:dly

JOHN WETHERELL Manufacturer of PATENT WASHER VICES, a superior article, SOLID BOX and BRAZED BOX VICES, corner of Anderson and Robinson streets, one square from the Hand Street Bridge, Allegheny City. oc30y—oc11

F. LORENZ, SR.........THOS. WIGHTMAN.

Penn Glass Works. LORENZ & WIGHTMAN, MANUFACTURERS of all kinds of VIALS, BOTTLES, and WINDOW GLASS, 63 Water and 65 Front streets, Pittsburgh. N. B.—Particular attention paid to odd sizes of Window Glass and private moulds for Bottles and Vials. ren21

Fifth Street Stocking Factory. Ability, Energy, and Economy. THE best goods in Children's Hose, Men's Socks, Under shirts, and Drawers, sold at manufacturer's prices, at the Fifth street stocking Factory, all made from last year's wool. NO ADVANCE IN PRICE. WM. DALY, Stocking Factory, 5th street, between Wood & Market.

W. W. WALLACE, STEAM MARBLE WORKS, 319, 321 and 322 Liberty street, opposite Smithfield street, PITTSBURGH. MONUMENTS, Tombs, Grave Stones, Furniture Tops, Mantels, Imposing Stones, &c. always on hand and made to order, by machinery, at the lowest prices. Three hundred original and selected designs for Monuments, &c., on hand. Block and Slab Marble furnished to the Trade at the lowest prices. All orders filled with dispatch at 319 Liberty street. au23 W. W. WALLACE.

DRY GOODS.

A. A. MASON & CO., PITTSBURGH.........C. L. ANTHONY & CO., N. YORK.

A. A. MASON & CO., Wholesale and Retail Dealers in Fancy and Staple Dry Goods, 25 Fifth street, Pittsburgh.

MURPHY & BURCHFIELD, Wholesale and Retail Dry Goods Merchants, corner of Fourth and Market streets, Pittsburgh.

MEDICINE.

Dr. James King, OFFICE and Residence, No. 112 Fifth street, opposite the Cathedral, Pittsburgh. ja5:ly

DENTISTS.

J. SCOTT, DENTIST, Fourth street, five doors west of Market. All work warranted. ja13

AGENCIES.

A CARD. HAVING been appointed the exclusive Agents for Pittsburgh, for the sale of Patent Riveted Cemented and Stretched Leather Belting, manufactured by P. JEWELL & SON, of Hartford, Conn.—We now offer for sale a large assortment of all the widths, manufacturer's prices, his article being superior to any Leather Belting ever before offered in this market. Also a large stock of all widths of India Rubber Belting constantly on hand, and for sale at the "Machine Belting Depot," No. 116 Market street. sep26 J & H PHILLIPS.

Lewis' Intelligence Office. No. 2 St. Clair Street. WHERE Hotels, Steam Boats and Private Houses will be furnished with good Servants, and Servants with places. sp4:ly

Austin Loomis, REAL ESTATE AGENT, Stock, Merchandise and Bill Broker,—office No. 92, Fourth St., above Wood. Business promptly attended to. jy8:dly

SAMUEL L. MARSHELL, Secretary Citizen's Insurance Co., 94 Water street.

W. P. JONES, Agent of the Insurance Co. of North America, 141 Front st.

F. M. GORDON, Secretary Western Insurance Co., 92 Water st.

P. A. MADEIRA, Agent for Delaware Mutual Safety Insurance Company, 66 Water street.

J. GARDINER COFFIN, Agent for Franklin Fire Insurance Company, north east corner of Wood and Third streets.

2000 LBS. solid packed BUTTER, just rec'd and for sale by J. J. BOONE.

GROCERS.

THOMAS LITTLE, SR.........THOS. LITTLE, JR. (Late of firm Robison, Little & Co.)

T. LITTLE & CO., WHOLESALE GROCERS, PRODUCE & COMMISSION MERCHANTS AND DEALERS IN PITTSBURGH MANUFACTURES, No. 112 SECOND STREET, PITTSBURGH. ja19:y'53

WILLIAM M. A. M'CLURG Grocer and Tea Dealer, corner of Wood and Sixth Streets, have always on hand a large assortment of choice Groceries and fine Teas—Foreign Fruits and Nuts, Wholesale and Retail. Dealers supplied on the lowest terms. my31

Cheese Warehouse. HENRY H. COLLINS, Forwarding and Commission Merchant, and Dealer in Cheese, Butter, Lake Fish and Produce generally, 25 Wood street, above Water Pittsburgh.

LEONARD HANNA.........ROBERT HANNA.........HIRAM GARRETSON.

HANNA, GARRETSON & CO., Wholesale Grocers, Commission and Forwarding Merchants Marion street, Cleveland, Ohio. Particular attention given to the purchase and sale of Produce. Situated on the river, their facilities for shipping and receiving freight by the Lake are equal to any house in the place. mar19:6m

WM. BAGALEY.........JOHN S. COSGRAVE. W. H. WOODWARD.........RALPH BAGALEY. JOHN AYWELL.

WM. BAGALEY & CO., Wholesale Grocers, Nos. 18 and 20 Wood street, Pittsburgh.

OLIVER BLACKBURN.........GEO. B. JONES.

O. BLACKBURN & CO., Wholesale Grocers, Boat Furnishers, and dealers in Produce and Pittsburgh Manufactures, have now and keep always on hand at their Warehouse, 141 Water street, Pittsburgh. sep12y

J. W. BURBRIDGE.........E. P. INGRAHAM.

BURBRIDGE & INGRAHAM, Wholesale Grocers and Commission Merchants, No. 116 Water street, and 150 First street, Pittsburgh.

RHEY, MATTHEWS & CO., Wholesale Grocers, Commission and Forwarding Merchants, and Agents for Brighton Cotton Yarns, 57 Water st., Pittsburgh.

JOHN WATT.........JOHN WILSON.

JOHN WATT & CO., Wholesale Grocers, Commission Merchants, and Dealers in Produce and Pittsburgh Manufactures, No. 256 Liberty street, Pittsburgh.

J. B. CANFIELD, late of Warren, Ohio, Commission and Forwarding Merchant, and Wholesale Dealer in Western Reserve Cheese, Butter, Pot and Pearl Ash, and Western Produce generally. Water street between Smithfield and Wood, Pittsburgh.

ISAIAH DICKEY.........ROBERT DICKEY.

ISAIAH DICKEY & CO., Wholesale Grocers, Commission Merchants, and Dealers in Produce—No. 56 Water, and 107 Front street, Pittsburgh.

JOHN M'GILL.........JAMES D. M'GILL.........WALTER C. ROE.

M'GILLS & ROE, Wholesale Grocers and Commission Merchants, No. 194 Liberty street Pittsburgh.

ROBERT MOORE, Wholesale Grocer, Rectifying Distiller, dealer in Produce, Pittsburgh Manufactures, and all kinds of Foreign and Domestic Wines and Liquors, No. 219 Liberty street. On hand a very large stock of superior old Monongahela Whiskey, which will be sold low for cash.

ROBERT DALZELL & CO., Wholesale Grocers, Commission Merchants, dealers in Produce and Pittsburgh Manufactures, No. 253 Liberty street Pittsburgh.

JOHN D. WICK.........DAVID M'CANDLESS.

WICK & McCANDLESS, successors to L. & J. D. Wick, Wholesale Grocers, Forwarding and Commission Merchants, dealers in Iron, Nails, Glass, Cotton Yarns, and Pittsburgh Manufactures generally corner of Wood and Water streets, Pittsburgh.

A. CULBERTSON, Wholesale Grocer and Commission Merchant, Dealer in Produce and Pittsburgh Manufactured Articles. 195 Liberty street, Pittsburgh.

J. WILLIAMS.........JOHN HART.

J. D. WILLIAMS & CO., Wholesale and Retail Family Grocers, Forwarding and Commission Merchants, and Dealers in Country Produce and Pittsburgh Manufactures, corner of Wood and Fifth streets, Pittsburgh.

JOHN FLOYD.........RICHARD FLOYD.

J. & R. FLOYD, Wholesale Grocers, Commission Merchants, and Dealers in Produce—Round Church Buildings, fronting on Liberty, Wood, and Sixth streets, Pittsburgh.

CARD. THE subscriber would respectfully inform his friends, and the public, that he has opened the house lately occupied by Messrs. Mercer & Robinson, corner of Water Alley and Federal st., Allegheny, for the purpose of doing a regular Family Grocery and Tea Business, where he hopes by close attention, and fair dealing to merit a share of patronage. WILLIAM FRANCE. oc14

MUSICAL INSTRUMENTS.

JOHN H. MELLOR, Dealer in Piano Fortes, Music, and Musical Instruments, School Books, and Stationery. Sole agent for Chickering's Piano Fortes, for Western Pennsylvania—No. 81 Wood st.

HENRY KLEBER, Dealer in Music, Musical Instruments, and Importer of Italian Strings. Sole agent for Nunns & Clark's grand and square Pianos, with Coleman's Æolean Attachment. Also, for Dunham's Pianos.

ENGRAVING AND LITHOGRAPHING

T. B. CALVERT & CO., Dye-Sinkers, Engravers, Embossers and Envelope Manufacturers, 43 3d street, Philadelphia. se30:tf

WILLIAM SCHUCHMAN'S Lithographic Establishment, Third street, opposite the Post Office, Pittsburgh. Maps, Landscapes, Portraits, Show Bills, Billheads, Drafts, Bond, Labels, Architectural and Machine Drawings, Business and Visiting Cards, &c. engraved or drawn on Stone, and printed in colors, Gold, Bronze, or Black, in the most approved style, and at the most reasonable prices. [ja9:ly

WOOL MERCHANTS.

H. LEE, (Successor to Murphy & Lee,) Wool Dealer, and Commission Merchant for the sale of American Woollen Goods, No. 17 Liberty street.

MISCELLANEOUS CARDS, &c.

T. C. WARRINGTON, (DIPLOMA.) LADIES' & CHILDREN'S SHOE STORE. He has always on hand a full assortment. No. 25 Fourth street, Pittsburgh, Pa. se30:lyd

BREAD AND CRACKERS. IRON CITY PILOT BREAD and CRACKER BAKERY, No. 317 Liberty street, opposite the head of Smithfield. Having purchased the stock and fixtures of W. R. Nevin's Cracker and Pilot Bread machinery, I am prepared to fill all orders for Crackers or Pilot Bread at the shortest notice. Superior Family Bread, Rye and Dyspepsia Bread, large and small Rolls, fresh every morning. Steamboats, Hotels, &c., supplied with hard and soft Bread, at all times. Cakes and Confectionary on hand and made to order. [ap4] J. SHEPHARD.

THOMAS WOODS, COMMERCIAL BROKER, No. 45 Market street, PITTSBURGH. HAVING established myself as above, I am now prepared to receive CONSIGNMENTS, or SAMPLES OF GOODS of every description, which can be sold in this market, and for the sale of which every exertion will be used. All orders for Pittsburgh Manufactures will be promptly attended to. Particular attention will be given to the Sale and Collection of Notes, Drafts, Bills of Exchange, and the Purchase and Sale of Stocks. By industry and personal attention to all business intrusted with me, I hope to merit and receive patronage. THOMAS WOODS. Pittsburgh, April 22, 1853 [ap23

BARD & DE LANGE, DEALERS IN HIDES, LEATHER, AND OIL, 215 Liberty street, (SIGN OF THE GOLDEN HORNS.) They will keep on hands, at all times, a general assortment of Leather, for Shoemakers and Saddlers' use; also, Shoemakers' Findings, Tools, &c. ap18 BARD & DE LANGE.

New Leather Store. J. G. MOWRY, late of the firm of R. Bard, No. 233 Liberty street, opposite the head of Wood street, wholesale and retail dealer in LEATHER, HIDES, and OIL, has just returned from the East, and is now receiving a large assortment of Leather, consisting of—Red Sole, Baltimore Leather, Philadelphia and French Calfskins, Morocco and Kids, of all descriptions; Binding and Lining Skins; and a general assortment of Findings. Having purchased my entire stock for cash, I am prepared to sell low, for cash. I would invite my friends to call and examine my stock before purchasing elsewhere. mh14 J. G. MOWRY.

A Card. HAVING received my SPRING STOCK of Goods, I will be pleased to show them to my friends and those wanting anything in my line. My stock this Spring is very large and complete, consisting of Satin Delaines, Brocatels, worsted and cotton Delaines; Damasks and Moreens; Bindings and Fringes; Lace and mull Curtains, of splendid styles, and Curtain Goods of all kinds; French and American Spreads and Quilts; Cornices of new patterns; Bands and Knobs; buff, green and stone-colored Holland, all widths; Oil Cloths and Shades for Window Blinds; Venitian Blinds of all kinds. Orders promptly filled. WM. NOBLE. mh30.

NEW SEED STORE. James Wardrop, OFFERS for sale CANARY BIRDS of the most approved breed, being very hardy and fine singers. Bird Seeds—Canary, Hemp, Millet, Rape and Mixed Seed. Bouquets will be furnished composed of the finest FLOWERS, viz: Camellias, Rose Buds, Heliotropes, &c. Evergreens (in pots) for Christmas Trees, from the Seed and Horticultural STORE, No. 49 Fifth street, near Wood. de16

CARD. State Official Interpreter. WM. J. ROSE, Interpreter of Foreign Languages in and for the Commonwealth of Pennsylvania, to reside in the city of Pittsburgh, County of Allegheny, may be found every day from 9 A. M. until 1 P. M., in the Quarter Sessions Court Room, or at No. 16 Fourth street. Bonds, Deeds, Mortgages, Powers of Attorney, and all legal or other writings; whatever, translated from or into the German, French, Italian and Spanish Languages, with neatness and dispatch. ap1

BOUNTY LANDS—Capt. Charles Naylor, Attorney at Law, No. 163 Third st., corner of Cherry Alley, having made arrangements for the purpose, will procure Bounty Lands for officers and soldiers, their widows and children, and will attend to any other business, connected with the government or any of its Departments, the Pension Office, or the Courts at the City of Washington. fe21:d&w

R. CHESTER, Merchant Tailor and Clothier, Number 74 Wood street. Particular attention paid to Boys' and Youths' Clothing. nal8:y

WM. DIGBY, Merchant Tailor, Draper, and Dealer in Ready Made Clothing, 151 Liberty st.

E. WATTS & CO., Merchant Tailors, 181 Liberty street.—We are now receiving our Spring stock of Goods for Gentlemen's Wear—Cloths, Cassimeres, and Vestings, of the newest styles and finest quality. Our friends and customers will please give us a call. [mh16

WM. NOBLE, Upholsterer and Dealer in Upholstery, Wholesale and Retail, Third street, near the Post Office.

MRS. S. E. CARGO—FASHIONABLE DRESSMAKER and MILLINER, No. 76 Fourth street, second story. All work entrusted will be executed in the best style and with despatch.

Pittsburgh Coach Factory. NO. 46, Diamond Alley, near Wood street. S. M. BIGELOW, Proprietor.

MISCELLANEOUS.

W. McCLINTOCK, Importer and Wholesale and Retail Dealer in Carpeting, Floor Oil Cloths, Matting, Table and Piano Covers, Window Shades, Steam Boat Trimmings, &c. No 112 Market street

JOHN D. M'CORD.........JAMES S. M'CORD

M'CORD & CO., WHOLESALE & RETAIL FASHIONABLE HAT AND CAP MANUFACTURERS, AND DEALERS IN ALL KINDS OF FURS. CORNER OF WOOD AND FIFTH STS., Pittsburgh, Pa. Their stock embraces every quality and style of Hats and Caps, Muffs, Boas, Cuffs and Fur Bonnets. aug20:tlaisly

JOHN GRIER, WHOLESALE GROCER, FORWARDING, PRODUCE & COMMISSION MERCHANT, DEALER IN Pittsburgh Manufactured Articles of every description. 255 Liberty street, Pittsburgh. Particular attention given to Forwarding Goods. jy1y'53

JACOB FORSYTH, Jr., FORWARDING AND COMMISSION MERCHANT, No. 43 WATER STREET, PITTSBURGH. jy30:y'53

BARR & MOSER, ARCHITECTS—Offices: Philo Hall, No. 75 Third street, Pittsburgh; and east side of the Diamond, Allegheny. jy11:6m

CARPETINGS, OIL CLOTHS, AND MATTINGS. ROBINSON & CO., No. 47 Fifth street, near Wood, HAVE on hand a large and choice assortment of CARPETINGS, of the latest and most beautiful patterns, consisting of— Royal Velvet Carpets; Tapestry and Brussels Carpets; Three-Ply and Superfine Carpets; Tapestry Stair Carpets; Twilled and Plain Venitian Carpets; Together with every description of low priced Carpeting. OIL CLOTHS From three to twenty-four feet wide, all qualities and prices. Also, Rugs, Mats, Piano and Table Covers, Window Shades, Venitian Blinds, Buff and Green Holland, Stair Rods, &c. MATTINGS Canton Matting; White and Check 4-4, 5-4, and 6-4 wide, Cocoa Matting from 3-4 to 4-4; all of which will be offered at the LOWEST CASH PRICES. my13

JOHN WATT.........JOHN WILSON.

JOHN WATT & CO., WHOLESALE GROCERS and Commission Merchants—Dealers in Fish, Produce and Pittsburgh Manufactures, No. 256 Liberty street, have on hand and receiving the following goods, which we offer at the lowest market rate—

250 bags prime Rio Coffee;	8 cases Liquorice;
75 boxes 5s and 8s Tobacco;	50 gross Blacking;
15 kegs Va. twist Tobacco;	20 boxes white Pipes;
25 bbls. S. H. Molasses;	217 bags Table salt;
150 bbls. N. O. do;	15 bbls. Tanners' Oil;
50 boxes ground spices;	10 bbls Flaxseed Oil;
45 boxes No 1 Starch;	8 bbls. Spts. Turpentine;
300 kegs assorted Nails:	4 casks Bacon Sides;
227 ream Wrapping Paper;	300 bxs. soap-makers' Rosin
340 lbs. Scotch Snuff;	15 bbls. Saleratus;
60 half-chests G. P., Y. H. and Black Teas;	
60 catty-boxes " " do;	
50 hhds. N. O. Sugar, fair to prime;	50 mats Cassia;
119 boxes 10x12 and 12x16 Window Glass;	
43 dox. Buckets;	1,000 lbs. Bacon Hams; jy18

NEW CLOTHING HOUSE. Edmund Watts & Co., MERCHANT TAILORS, No. 185, Liberty Street. ARE in receipt of their Fall Styles; also, a complete assortment of new and staple Goods, for Fall and Winter wear, such as Overcoatings, Plain Fur, and Ridge Beavers, Mizeray and Pilot Cloths, of various colors and qualities, Cloths of the best makes, and most fashionable colors, for Dress and Frock Coats. Also black, and fancy colored Cassimeres, of entirely new designs. Vestings. Just received, of the newest styles, and in great variety. Altogether an unequalled assortment, to which we call the attention of our customers and the public, and beg leave to assure them, that all Clothing made by us shall be of superior style, and at moderate prices. oc12

THE NEW YORK AND LIVERPOOL UNITED STATES MAIL STEAMERS. The Ships composing this Line are the ATLANTIC, Capt. West. ARCTIC, Capt. Luce. PACIFIC, Capt. Nye. BALTIC, Capt. Comstock. ADRIATIC, Capt. ———.

THESE SHIPS have been built by contract, expressly for Government Service, every care has been taken in their construction, as in the Engines, to ensure strength and speed, and their accommodations for passengers are unequalled for elegance and comfort. Price of passage from New York to Liverpool in First Cabin, $120; exclusive use of extra sized State Rooms, $300; in Second Cabin, $70; from Liverpool to New York, £30 and £20. An experienced Surgeon attached to each Ship. No berth can be secured until paid for.

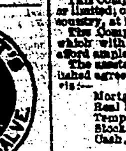
PROPOSED DATES OF SAILING.

From New York, 1853—'54	From Liverpool, 1853—'53
Saturday, February 5.	Wednesday, February 9.
Saturday, " 17	Wednesday, " 23.
Saturday, March 5.	Wednesday, March 9.
Saturday, " 19.	Wednesday, " 23.
Saturday, April 2.	Wednesday, April 6.
Saturday, " 16.	Wednesday, " 20.
Saturday, " 30.	Wednesday, May 4.
Saturday, May 14.	Wednesday, " 18.
Saturday, " 28.	Wednesday, June 1.
Saturday, June 11.	Wednesday, " 15.
Saturday, " 25.	Wednesday, " 29.
Saturday, July 9.	Wednesday, July 13.
Saturday, " 23.	Wednesday, " 27.
Saturday, August 6.	Wednesday, August 10.
Saturday, " 20.	Wednesday, " 24.
Saturday, September 3.	Wednesday, September 7.
Saturday, " 17.	Wednesday, " 21.
Saturday, October 1.	Wednesday, October 5.
Saturday, " 15.	Wednesday, " 19.
Saturday, " 29.	Wednesday, November 2.
Saturday, November 12.	Wednesday, " 16.
Saturday, " 26.	Wednesday, " 30.
Saturday, December 10.	Wednesday, December 14.
Saturday, " 24.	Wednesday, " 28.

For Freight or Passage, apply to EDWARD K. COLLINS & CO., 56 wall street, New York; BROWN, SHIPLEY & CO., Liverpool; R. G. ROBERTS & CO., 13 King's Arms, London; JOHN MUNROE & CO., 26 Rue Notre Dame des Victoires, Paris; GEORGE H. DRAPER, Havre. The owners of these ships will not be accountable for Gold, Silver, Bullion, Specie, Jewelry, Precious Stones or Metals, unless Bills of Lading are signed therefor, and the value thereof therein expressed. jy19

W. W. WALLACE, FRENCH BURR MILL STONES AND MILL FURNISHING ESTABLISHMENT, 319, 321 and 323 Liberty street, opposite Smithfield street, PITTSBURGH. FRENCH BURR MILL STONES, OLD and new stock of my own manufacture, warranted of good quality; Laurel Hill Mill Stones, all sizes; Bolting Cloths, old and new; Anchor Stamp, best quality, at reduced prices; Mill Spindles and Iron, Plaster, Screen Wire; Hollowed and Temperless Screws; corn and cob Crushers; Rubber and Gutta Percha Leather Belting; patent and common Bushes; east Eye-pieces for the Runner—always on hand. Mill Gearing made to order. Agent for Bennet's French Burr Smut Mills, used in the "Pearl Mills," Allegheny, and in six hundred of the best Mills in the country. They are cheap, clean faster, do lighter, and are more durable than the Smut machines. Annexed is a certificate from the owners of the Pittsburgh "City Mills," one of the largest flouring mills in the West, and for particulars refer to handbills.

PITTSBURGH, June 20, 1853. W. W. Wallace—Dear Sir: We have now in use in our mill two of your Burr Smut Machines. They work to entire satisfaction, and they are durable, not liable to get out of order, and we consider them the best machines now in use. WILMARTH & NOBLE. All orders promptly attended to. au23 W. W. WALLACE, 319 Liberty street.



THIS article is presented to the public as an external remedy, avoiding the pain and danger which necessarily attends the introduction of caustic minerals and eye-washes, with assurance of its efficacy as a cure of the various diseases of the Eye, of acute or chronic inflammation, whether induced by scrofulous origin or otherwise; debility of the optic nerve, granulation of the lids, ulceration of the lachrymal glands, and weakness of vision from any cause.

DR. J. PETTIT'S UNIVERSAL CANKER BALSAM, A sure, safe and certain cure for the most aggravated cases of Nursing Sore Mouth, Calomel Sore Mouth canker rash, incipient bronchitis and quinsy, swelled tonsils, putrid sore throat, black tongue, and all cases of common Canker in the mouth, throat and stomach. R. E. SELLERS, 57 Wood street, Pittsburgh; J. P. FLEMING, Allegheny City, Wholesale and Retail Agents. ja29:y'53

S. STONER, No. 80 Wood street, is opening a fresh supply of BOYS' SUMMER CLOTHING from New York. They are pretty—nay, they are handsome—and well worthy the attention of both fathers and mothers. His Boys' Saloon is now finished;—it also exhibits some taste in its arrangement—the brilliant skylight in it will enable parents to make their selections without the least fear of doubt of either the color or their quality of the article selected. His stock of CLOTHS, CASSIMERES and VESTINGS, for men's wear, is quite as complete as usual, and will be made to order with his general punctuality. ia25

New Restaurant. THE undersigned has opened the RESTAURANT at No. 60, Fourth street, a few doors from Market, nearly opposite the Merchants' Bank, which he has handsomely fitted up, and is now prepared to accommodate the public with any thing they may want in his line. Dinner on the table, daily, from 12 to 3 o'clock, P. M., and every attention will be given to supply the table with all the delicacies of the season. Meals and refreshments furnished to order, at all hours, on the shortest notice. With the facilities possessed by the subscriber to give satisfaction, he trusts to be able to merit a general and extensive patronage, and invites a call from all who desire, at any time, a comfortable meal, which will be served in unexceptionable style. Terms reasonable. JAS. WILSON, No. 60 Fourth st. Pittsburgh, May 9th, 1853. my

BLACKSMITH BELLOWS MANUFACTORY. Co-partnership Notice. THE subscribers would respectfully inform their friends and the public generally, that they have entered into partnership commencing on the 19th April, under the firm of R. WILLIAMS & CO., for the manufacture of BLACKSMITH BELLOWS of every description, which they are determined to make of the very best materials and superior workmanship. They intend to have always on hand an assortment of all sizes from 24 to 40 inches, at their manufactory, corner of Robinson and Sandusky streets. ROBERT WILLIAMS, JAMES WILSON. Allegheny City, May 24. my:dly

Bolivar Fire Brick and Crucible Clay Manufacturing Company. THIS Company having enlarged their capacity for Manufacturing, are now prepared to meet the increased demand for their Brick, Crucible and Building Clay. Orders promptly attended to by KIER & JONES Canal Basin, Pittsburgh, November 2, 1852.

PITTSBURGH COACH FACTORY, No. 46 Diamond alley, near Wood street. E. M. BIGELOW, Proprietor, would respectfully call the attention of his numerous patrons and the public generally, to his large stock of seasoned, second growth HICKORY LUMBER, and carefully selected during the last two years, having over two hundred sets of dry wheels on hand, and using nothing but the best of hammered and rolled Juniata Iron in his establishment, he is confident that he can build as good and as fine work as any other establishment in the Union, and from the prices of his work at the late Pennsylvania State Fair, having won the first class and only premium and diploma carriages, he is satisfied that he has established the reputation of Coach Building in Pittsburgh far beyond his expectations, and all he asks is the continuance of the liberal patronage extended to him during the last year, to sustain him in his enterprise. All work in the above line done with neatness and despatch. Please to give him a call. N. B.—All work warranted. oc6

INSURANCE.

INSURANCE NOTICE, "ÆTNA INSURANCE CO.," OF HARTFORD, CONN." Chartered 1819—Capital $300,000—paid up in cash and securely invested.

BOARD OF DIRECTORS. Thos K Brace, Robert Buell, E Mather, Fred'k Tyler, E A Bulkeley, Austin Dunham, Eben Flower, Henry Z Pratt, Joseph Church, Sam'l S Ward, Ward Woodbridge, John L Boswell, Sam'l Tudor, Miles A Tuttle, E G Ripley, Junius S Morgan, Gustavus F Davis. THOS. K. BRACE, President. S. O. RIPLEY, Sec'y.

THE AGENCY of this Company being changed from R H Beeson, its former Agent, to Geo. E Arnold, those having policies at the Office at Pittsburgh and vicinity, can have them renewed by calling on Mr. Arnold, No. 74 Fourth street, who is duly commissioned to take risks on Dwellings, Stores, Public Buildings, Mills and Manufactories, with their contents. The attention of Merchants and property holders of Pittsburgh is called to the advantages offered by insuring in this Company, from its age, promptness and liberality in adjusting losses, and its abundant means, such as few similar corporations can show. J. B. BENNETT, General Agent.

ASSETS OF THE COMPANY. THIRTY-FOURTH ANNUAL STATEMENT. MAY, 1853.

Bank Stock, market value, Phoenix of Hartford	$26,000	
Exchange do	18,172	
Farmers & Mechanics	25,400	
Connecticut River	9,750	
Hartford	29,600	$115,722
do do Eagle, of Providence, Rhode Island	1,930	
do do American, of N. Y.	11,450	
North America	11,000	
Broadway	11,920	
People's	4,400	
Republic	10,400	
Hanover	9,800	
N. Y. Life and Trust	15,000	$82,070
Railroad 7 ℘ cent. Mortgage Bonds, market value		$41,017,50
Railroad Co stock, market value, viz: Hartford and New Haven	$52,500	
Hartford, Providence, and Fishkill	20,475	
Boston and Worcester	11,123	
New Albany	200	
Connecticut River	14,500	105,8[illegible]
Miscellaneous—Connecticut River Co. Stock		1,[illegible]
Real Estate in Hartf'd, Ann Arbor, Leapsville, &c.		18,702,45
Office furniture and library		570,78
Cash in Bank		13,341,65
Amount balances, bills receivable for premiums, real estate, &c.	$61,380,02	
Less, balances due to Agents and others	$28,414,46	$32,965,56
		$415,178,30

LIABILITIES. Capital Stock .... $300,000. Pr fit and Loss .... 116,178,30 $416,178,30. A dividend of 10 ℘ cent. declared and paid 13th June 1853.

Having received the appointment as Agent in Pittsburgh and vicinity, of the Ætna Insurance Company, lately held by R. H. Beeson, I take pleasure in calling the attention of the former patrons, friends and the public, that I am prepared to issue Policies or renewals of them, at fair rates of premium, on risks of the various descriptions of buildings, merchandise, mills, machinery, and all risks needing the security of insurance from loss or damage by fire. The Ætna Company is one that recommends itself to the community from its proverbial fairness and promptitude, not only in taking of risks, but in the adjustment and payment of its losses. It does not profess so much to give cheap insurance as it does promise valuable indemnity. Applications attended to at the Banking House of Geo. E. Arnold & Co., 74 Fourth street. oc19:1m GEORGE E. ARNOLD, Agent.

Delaware Mutual Safety Insurance Company. OFFICE in the North Room of the MERCHANTS' EXCHANGE, Third street, Philadelphia. MARINE, INLAND, AND FIRE INSURANCE. MARINE INSURANCE—On Vessels, Cargo and Freight, to all ports in the world. INLAND INSURANCE—On Goods by River, Canal and Lakes, and by Land Carriage to all parts of the Union, including the risk by Fire until arrival. FIRE INSURANCE—On Merchandise generally, on Stores, Dwelling Houses, &c.

ASSETS OF THE COMPANY. NOVEMBER 1, 185[illegible].

Bonds and Mortgages	$ 35,000 00
United States, State of Pennsylvania, Philadelphia City, Camden and Amboy Railroad and other loans	145,955 00
Stock in Banks, Railroads, and Insurance Cos.	19,737 20
Bills Receivable	120,783 42
Cash on hand	21,705 64
Premiums on Marine Policies recently issued	57,137 2[illegible]
Subscription Notes	100,000 00
	$519,769 13

DIRECTORS. William Martin, James C. Hand, Dr. R. M. Huston, Joseph H. Seal, Theoph. Paulding, Wm. Eyre, Jr., Edmund A. Souder, Isaac R. Davis, Joshua L. Price, John C. Davis, Hugh Craig, James Tennant, Robert Burton, Spencer Mcilvaine, Joseph S. Burnett, John R. Penrose, Charles Kelly, Jas B. M'Farland, George G. Leiper, Samuel E. Stokes, Wm. C. Ludwig, Edw'd Darlington, Henry Sloan, J F Logan, Pitts'g, H. Jones Brooke, James Traquair, D. T. Morgan, do. J. G. Johnson. WILLIAM MARTIN, President. THOMAS C. HAND, Vice President. JOSEPH W. COWAN, Secretary. Office of the Company, No. 66 Water street, Pittsburgh. [jel1 P. A. MADEIRA, Agent.

Marine, Fire, and Inland Transportation Insurance. THE Insurance Company of North America, of Philadelphia—Chartered 1794. Capital $500,000. Assets January 13, 1851, $1,061,366.50. Will make Insurance on buildings and their contents, in this city and vicinity; also on property of every description, shipped per rivers, boats and vessels, either by inland transportation or on the seas.

DIRECTORS. Arthur G. Coffin, Pres't, Thomas P. Cope, Samuel W. Jones, John R. Neff, Edward Smith, Richard D. Wood, John A. Brown, William Welsh, Samuel F. Smith, Francis Hoskins, Samuel Brooks, S. Austin Allibone, Charles Taylor, Wm. R. Bowen, Ambrose White, George Aspinwall, Jacob M. Thomas, James N. Dickson, R. Morris Wain, H. D. Sherrard, Sec'y. This is the oldest Insurance Company in the United States and from its high standing, long experience, ample means, and avoiding all risks of an extra hazardous character, it may be considered as offering ample security to the public. WILLIAM P. JONES, Agent. fe1 30 and 31 Water street.

Western Insurance Company of Pittsburgh. CAPITAL $300,000. R. MILLER, Jr., President, F. M. Gordon, Secretary. Will insure against all kinds of risks, Fire and Marine. All losses will be liberally adjusted and promptly paid. A home Institution—managed by Directors who are well known in the community, and who are determined by promptness and liberality to maintain the character which they have assumed, as offering the best protection to those who desire to be insured. DIRECTORS—Reuben Miller, jr., J. W. Butler, Wm. Lyon, G. Ihmsen, T. Scott, A. Nimick, C. W. Ricketson, Geo. W. Jackson, James M'Auley, George Darsie, Nathaniel Holmes, James Lippincott, and W. H. Smith. Office, No. 92 Water street, (warehouse of Spang & Co. up stairs,) Pittsburgh. [no1:ly

STATE MUTUAL FIRE INSURANCE COMPANY, HARRISBURG, PA. DESIGNED only for the safer classes of property, has an ample capital, and affords superior advantages in point of cheapness, safety and accommodation, to city and country merchants, and owners of dwellings, and isolated or country property. A. A. CARRIER, Actuary, oc27 Branch office, No. 54 Smithfield st., Pittsburgh.

Franklin Fire Insurance Co. of Philad'a. DIRECTORS: Charles W. Bancker, Geo. W. Richards, Thos. Hart, Mordecai D. Lewis, Tobias Wagner, Adolphe E. Borie, Samuel Grant, David S. Brown, Jacob R. Smith, Morris Patterson. CHARLES F. BANCKER, President. CHARLES G. BANCKER, Secretary. This Company continues to make Insurance, permanent or limited, on every description of Property in town and country, at rates as low as are consistent with security. The Company have reserved a large contingent fund, which with their Capital and Premiums, safely invested, afford ample protection to the assured. The assets of the Company, on January 1st, 1851, as published agreeably to the Act of Assembly, were as follows, viz:

Mortgages	$918,122 68
Real Estate	84,377 78
Temporary Loans	83,956 17
Stocks	51,539 00
Cash, &c.	54,348 81
	$1,212,708 44

Since their incorporation, a period of 21 years, they have paid upwards of One Million Four Hundred Thousand Dollars Losses by Fire, thereby affording evidence of the advantages of Insurance, as well as their ability and disposition to meet with promptness all liabilities. J. GARDNER COFFIN, Agent. au16 Office S. E. corner of Wood and 3d sts.

PROTECTION INSURANCE COMPANY, OF HARTFORD, CONN. Cap'l Stock, Annual Premiums and Western Fund $1,000,000. INCORPORATED 1825. Policies of Insurance issued at all times on the most favorable terms, against LOSS OR DAMAGE BY FIRE, OR THE PERILS OF NAVIGATION, By GEORGE E. ARNOLD, Agent mh16:y31 For Pittsburgh and Allegheny County.

THOMAS HALE, STORAGE, FORWARDING & COMMISSION MERCHANT Warehouse, Q. and R. Water sts., CHICAGO, ILLINOIS. FORWARDING AGENT OF CLEVELAND AND PITTSBURGH RAILROAD, IN CONNECTION WITH CHICAGO AND ROCK ISLAND RAILROAD. And Canal Boats for Lasalle and Saint Louis. Goods marked and Consigned to him will go forward without delay. REFERENCES—Messrs. Clarke & Thaw, William Bingham & Co., Hays & Black, Mr J. A. Caughey, Cleveland Railroad, Mr. Geo. O. Franciscus, Pennsylvania Railroad. jy22:tm THOMAS HALE.

ROMULUS E. GRIFFITH.........R. E. GRIFFITH, JR.

R. E. GRIFFITH & SON, GENERAL COMMISSION MERCHANTS, 24 SPEAR'S WHARF, BALTIMORE. REFERENCES: Boston—Stephen Tilton & Co. New York—Elisha Riggs, Esq., Banker, 56 Wall street. Philadelphia—White Stephens & Co. Baltimore—Johns Hopkins, Esq., President Merchants' Bank; Chauncey Brooks, Esq., President Western Bank; John Leary, Esq., Cashier Farmers & Merchants' Bank; Greenway & Co., Bankers. Washington, D. C.—Corcoran & Riggs, Bankers. auly

Straw Bonnet and Hat Warehouse, No. 105 MARKET STREET, R. H. PALMER offers for sale, at very low prices, a full assortment of Straw and Millinery Goods, viz: BONNETS—Foreign and American plain and fancy Straw, Braid, Chip, Gimp, Million, Lace, Hair, Panama, &c., &c. HATS—Men's, Youths', and Boys' Leghorn, fancy and plain Braid, Straw, Panama, Manilla, and Palm Leaf. Infants' Leghorn, Braid, Straw, Chip, Gimp, Lace, and Hair, Misses' Gimp, Jenny Lind, and other forms, in great variety of shape and material. RIBBONS—Rich Bonnet and Scarf, plain Satin and Taffeta, all widths and colors; fancy Gauze and Crape Caps. LACES—Plain and figured white and colored Silk and Cotton Netts. STRAW TRIMMINGS—Cords, Tassels, Buttons, Braids, Pelerines, &c., &c. FLOWERS—French and American Sprigs, bunches and separate, rich and novel styles. BONNET SILKS AND SATINS—Glace, Gro. de Naples, Gro. de Rhine, Florence, and other styles, assorted qualities and colors. SATINS—Assorted qualities and colors. Also—Rich and low priced Parasols and Umbrellas, Bareges, &c., &c. mch16

PITTSBURGH GAZETTE.

WEDNESDAY MORNING, OCTOBER 26, 1853.

NEW INVENTION IN CAR AXLES.

The new invention of Josiah Copley, Esq., of Kittanning, in the car axle, possesses so much public interest, inasmuch as Railroads are the great feature of the age, that we copy below the description of the invention entire. A company has been formed in Pittsburgh, and the manufacture of these axles will be proceeded with without delay. As soon as their excellent qualities are fully developed by experience, these axles must come into general demand, for if they perform all that is claimed for them, and the indications are that they will, no Railroad can do without them which studies a wise economy:

COPLEY'S COMPOUND CAR-AXLE.

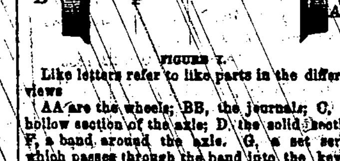


FIGURE I.

Like letters refer to like parts in the different views.

AA are the wheels; BB, the journals; C, the hollow section of the axle; D, the solid section; F, a band around the axle. G, a set screw which passes through the band into the key I which key is fitted into a mortice in the hollow section C.

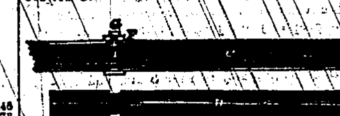


FIGURE II.

The solid section, D, passes into the chamber of the hollow section, C, so that the end of the one and the shoulder of the other come in contact, as seen at D, fig. 1. When in this position, the key I is inserted into the groove H, and is retained in place in the axle and groove by the set-screw G.

This Axle consists of two parts. In the journals and seats for the wheels they are alike, and in these particulars they are like the common solid axle. The difference is in that part between the wheels, which instead of being one solid, inflexible shaft of iron, is composed of two parts, a solid cylinder that fits into a hollow cylinder. This union of the two parts extends from within two or three inches of one wheel, to within a like distance of the opposite wheel, thus forming a strong, self-sustaining joint, capable of easy rotary motion, but presenting a powerful resistance to every other motion. This rotary motion allows each wheel to revolve just as much as the length of the track upon which it rests requires.

On every considerable railroad curve the difference in the length of the outer and inner rails is from five to eight feet. With the stiff, immoveable axle this difference must be made up by the dragging or slipping of the wheel upon the rail. Suppose a car weighs seven tons, and has a load of ten tons more, here are seventeen tons resting upon eight wheels, which is two and one-eight tons to each wheel. The force necessary to drag or slip such a weight, pressing together two pieces of dry iron—the wheel and the rail—is enormous, and yet, great as it is, it is all forced upon the axle, multiplied by all the leverage of the semi-diameter of the wheel—being nearly ten to one. The torsion of the axle arising from this cause is almost incalculable; and serious accidents frequently arise from the breakage occasioned by this torsion, the axles being litterally twisted off.

Various expedients have been tried, to overcome this difficulty, which has, up to the present time, attended railroad transportation and travel. One loose wheel has been tried; but under the tremendously severe action of an inflexible iron wheel travelling with great rapidity over an equally inflexible rail, and carrying a weight of over 4,000 pounds, the loose wheel soon becomes too loose—such a weight, resting loosely upon such rigid materials, soon batters and enlarges the eye, and renders it unfit for use. A loose wheel, with a greatly elongated hub, has been tried, but with little better success. Experimenters all seem to have fallen into the radical error of resting the burden to be sustained upon a moveable and of course a loose joint. Hence the uniformly ill success of these expedients.

In the axle now presented to the railroad public, this error is avoided. We have a loose joint, it is true; but that joint has no weight to sustain. The journal on the outside of the wheel bears the load, the wheel is the fulcrum, and the part between the wheels, where our long joint is, has no other office but to hold the wheels to their proper places. It has neither weight to carry nor torsion to sustain.

The ordinary solid axle is subject to two kinds of vibration—lateral and circular. The first is occasioned by the unavoidable inequalities of the rails, which give to a rapidly moving car a succession of jars, which keep everything in a tremor. The rotary or circular vibrations are caused by the unequal lengths of the rails on curves, which requires the wheels on one side of the car to travel further and faster than those on the opposite side. Now, as the wheels are immoveably fixed upon solid axles, like the two ends of a spool, and their circumference being the same, the difference of movement required by the unequal lengths of rails on curves can only be made by sliding or dragging. The question is, how is this dragging accomplished? Is it by a regular uninterrupted movement? This cannot be; but it is by a rapid succession of movements, their length being regulated solely by the power of the axle to resist the torsion arising from the adhesion of the wheel to the rail. This adhesion twists the axle a little; but the strength and elasticity of the iron enable it, by a strong vibratory action, to overcome the adhesion of the wheel to the rail, push it forward, and thus relieve itself for the moment, of the severe torsion. These alternate and rapidly recurring twistings and untwistings cause that circular vibration of which we have spoken.

Let a pulley of two feet or more in diameter be fixed upon an iron shaft, either cast or wrought, and let this shaft be put into a turning lathe, the power being applied to one end of the shaft, and a turning tool to the face or periphery of the pulley, and a good illustration of what we mean by circular vibration will be afforded. The movement is not equable, but consists of a rapid succession of stops and starts—the stronger the shaft is the more rapid are the alternations of motion and rest.

If a damp finger is moved slowly around the rim of the glass tumbler, with a moderate pressure, it soon causes the glass to give out a sonorous sound; and why? Because the movement of the finger upon the glass, although it may appear to be smooth and uniform to the sense of touch, is really intermittent—a rapid succession of stops and starts, imparting to the glass a rotatory vibration, very similar to that which is given to a railroad axle in going around a curve; and let any person give attention to it, while a train is passing around a curve, especially on a broad track road, and he will hear a deep, sonorous sound. Is this sound drawn out of the axle in the same way that we draw sound out of a glass tumbler? If so, the torsion is tremendous, and cannot but be attended by extreme danger.

It is, we are assured, an ascertained fact, that severe and long continued vibration, or torsion, will change the nature of iron from fibrous to granular, or crystaline—that car axles that have been long in use, may sometimes be broken square off, close behind the wheel, with a blow of a sledge; although, a few inches from that point the iron may still be as tough and fibrous as ever. From this it may be rationally inferred, that it is at the point where vibration is suddenly arrested—as it is by the heavy mass of iron in the wheel—that the change from a fibrous to a crystaline state takes place. This is a question of great importance, and one that ought to be carefully investigated. But be this as it may, we propose to obviate the difficulty, not by curing it, but by avoiding it altogether.

In the compound axle which we offer to our railroad friends, the circular or rotatory vibration is totally done away, and we think that the lateral vibration is so neutralized as to render it harmless. It is a well known principle in philosophy, that the times of vibration in two different pieces of metal, of equal length, but of unequal diameter, are different. Now here are two pieces—one a tube of greater diameter, the other, a solid piston of lesser diameter. These are two distinct and separate, and yet so intimately combined that their vibrations must act the one upon the other: it follows, therefore, that if their times of vibration, are, as say 5 to 4, they will necessarily neutralize each other, so that none of the disastrous effects before adverted to can take place.

The slipping or dragging of the wheels upon the rails on curves is attended with a considerable expenditure of power. A writer in the Railroad Record estimates that a curve of one degree is equal, in this respect, to a grade of 10 feet to the mile, two degrees equal to 15 feet; three degrees, 20 feet; four degrees, 25 feet; five degrees, 30 feet; and six degrees, 35 feet. Six degrees is, we believe, a radius of about 1000 feet. It follows, therefore, if this writer is correct, that such a curve (and there are many shorter) if located on a level, is equal to an ascending grade of 35 feet to the mile; and that should such a curve occur upon an ascent of 65 feet to the mile, the two combined would be equivalent to a grade of 100 feet on a straight line. This shows how important it is that all the wheels should be free to roll just the length they have to travel, and not be required, as in the case where the stiff axles are used, to drag the wheels the amount of the difference between the length of the outer and inner rail on the curve. The power adequate to the draught of 40 cars, with stiff axles, up a straight grade of 65 feet, would only be adequate to draw 26 cars on the same grade, if it had a six degree curve on it, if we may take that writer's estimate as being correct.*

It was feared by some eminent engineers, to whom this plan of an axle was originally submitted, that its construction would be attended with great if not insuperable difficulty; but we find that these fears were altogether groundless. Messrs. Morris, Tasker & Morris, of Philadelphia, made the tubular parts of our first set, and the remainder of the work, in fitting up a car, was executed under the direction of Jacob Hovey, Esq., of Cleveland, the master machinist of the Cleveland & Pittsburgh Railroad, for whose skill and kindness we thus publicly return our thanks. We take pleasure in acknowledging our indebtedness to C. Prentiss, Esq. President of that road, for the facilities he afforded us in getting up and testing our first practical experiment.

The entire axle, except the key that holds the two parts together, is made of wrought iron. The tubular parts of our first set are 3½ inches calibre, and 7-10 of an inch thick in the shell; this is perhaps unnecessarily strong, but we thought it best to err on the safe side. The tubes are welded; and so perfectly is it done, that the places where the plates are joined cannot be distinguished from other parts, and the strength of those gentlemen's tubes may be inferred from the fact, stated to us by a distinguished machinist of New York, that he put a pressure of 18,000 pounds to a square inch on one of their tubes, without bursting or injuring it. To be sure the shell of that tube was thicker than those we now use, but we mention the fact to show the entire confidence that may be placed upon the strength of the welded tubes.

The solid iron which forms the journal on the tubular section reaches into the tube about two inches past the wheel seat, and is welded fast, forming a solid bearing for the wheel, which is forced on in the usual way. The inner section reaches to the bottom of the hollow section, and sustains the inward lateral pressure, and relieves both the key and the shoulders.

The key which fastens the two parts of this axle together is made of cast steel; it is an inch and a quarter square, and is fitted to the cylindrical surface of the inner section of the axle, at the bottom of the groove into which it fits, and in which it works. An iron band, three inches broad, passed round the outer or tubular section, covers the key, and keeps it securely in its place. A strong set screw passes through the band into the key, which renders it impossible for the band to get out of its place. The only use of the key is to keep the parts from drawing asunder. It sustains no inward pressure.

We now submit this axle to our railroad friends upon its own merits. We confidently believe that it will add to the safety of railroad travel and transportation; that it will preserve the rails from the severe abrasion caused by the dragging of the wheels on the curves; that it will save considerable percentage of motive power; and, which is more important than all, that it will prevent the crystalization of the iron, arising from the tortuous vibration inseparable from the common stiff axle, by allowing each wheel to have an independent movement, while at the same time all the base leverage and solidity of bearing of the solid axle are preserved. This crystalization is a secret and insidious evil. No outward mark indicates that it has taken place; but while an axle may have every appearance of perfect soundness on the surface, it may really have become as brittle and unsafe as if it were composed of cast iron. This may involve questions, not of dollars and cents only, but of life and death. But even on the score of mere economy, these compound axles will probably be found preferable, because, if they cannot be crystalized, they may be used with safety as long as the journals will last—from five to seven years; whereas the common axle cannot be safely used more than two or three years.

JOSIAH COPLEY & CO.

Pittsburgh, Sept 1853

The foregoing was written previous to our first

PRACTICAL EXPERIMENT.

On the morning of Sept. 7, we set out from Cleveland for Wellsville, on the Ohio river, a distance of 100 miles, with the first car constructed on this principle—a house car of the largest class. We ran down empty. The wheels and axles performed extremely well. At Wellsville we took in a load of almost eight tons, and set out on our return next morning. Before leaving Cleveland we fixed a scale to the car, by means of which we were able to weigh the power required to draw it, with a good degree of accuracy. On our way down we encountered no grades exceeding 40 feet to the mile. On one of these, of considerable length, composed of both curves and straight lines, the weight of the draught was, as near as we could arrive at it, 280 lbs; but there was no perceptible difference between the curves and straight lines. On levels we could not weigh it at all, for half the time, the coupling was slack.

On our return from Wellsville with the loaded car—Mr. P. F. Geis—s, of Wellsville, car builder and machinist, and Mr. Charles C. Gorman, the conductor of the train, being on board—we attempted to weigh the draught on level curves, but failed for the reason before stated; and it was not until we reached the 50 feet grade, north of Salineville—which is nearly five miles long, and made up of alternate short curves and straight lines—that we were able to get anything like a steady draught. Several of these curves are of 1200 to 1500 feet radius. On nine curves we found the average weight of draught to be 482 pounds; while on eight pieces of straight line, on the same grade, the average was 458 pounds, being a difference of not quite one per cent. There was no perceptible difference to either the sense of hearing or feeling, between the straight lines and curves. This was remarked by the experienced gentlemen on board; and when watching the working of the trucks from the preceding car, and observing the steadiness with which they ran, and the perfect readiness with which they adjusted themselves at right angles with the rails, while running a curve, it was manifest that there could be no rubbing of the flanges against the rails; and thus the sense of sight corroborated those of hearing and feeling. Altogether the experiment was in the highest degree satisfactory.

The next day we returned to Wellsville, with the same apparatus for weighing the draught, and had it attached to a common car. On the heavy grades above Salineville, before spoken of, the average weight of the draught on the curves was 22 per cent greater than upon the straight lines; while it will be recollected that the difference in the case of the car with the compound axles was a fraction under one per cent. These experiments were conducted by gentlemen perfectly disinterested, and in whose disposition to give a fair report the fullest confidence may be placed.

In respect to the facility with which the trucks adjusted themselves to the curves; the smoothness of movement in places where ordinary cars gave the sensation and sound of rubbing and grinding of the wheels upon the rails; and in respect to economy of tractive power, our highest expectations are fully realized. All we have said in the foregoing paper has so far been verified; and the fact may be regarded as established, that where these axles are used, curves of even 5 or 6 degrees will present no appreciable impediment to the progress of cars.

We can only say at present that in a short time we expect to be able to furnish axles to any railroad companies that may be inclined to try them; and that arrangements will be made to furnish them in any quantity that may be needed. Inquiries respecting them may be addressed to the Hon. Thomas M. Howe and James M. Cooper, Esq. of Pittsburgh, either jointly or separately, or to Josiah Copley, the patentee, at Kittanning, Armstrong county, Pa.

*Judging from the text we recently made an account of which will be found appended, we think his estimate somewhat exaggerated.

ESCAPE OF A NUN.—Great sensation has been caused in Gallicia, in Spain, by what is considered a great crime by devout Catholics—the flight of a nun from a convent at Compostelle. A nun of the Carmelite convent of that place let herself down, a few nights ago, from her cell, by means of towels and napkins sewn together, and formed into a cord. The descent must have been attended with danger, though the nun took the precaution of tying knots at intervals in her cord. The moment the escape was known, a search was made after her both by the police and the gendarmerie, but no trace of her could be discovered; and it is supposed that she succeeded in reaching Corunna, and in embarking on board a foreign vessel. She is only 22 years of age, belongs to one of the most distinguished families of Gallicia, and is remarkable for beauty and talents.

JUST received and for sale— 20 bbls. Rambo Apples; 20 do Butter do; 4 do Prime Roll Butter; 20 galls. Peach Butter, by L. C. GRAFF, Agt. oc20 corner 3d and Wood sts.