THE DAILY PITTSBURGH GAZETTE.

ESTABLISHED IN 1786. PITTSBURGH, MONDAY MORNING, OCTOBER 17, 1859. VOLUME LXXII---NUMBER 266

Druggists.

WM. MACKEOWN, Wholesale Druggist, Carbon Oil Manufacturer and Agent for Thayer's Solid and Fluid Extracts, No. 167 Liberty street, Pittsburgh, Pa. ja3dlyd

B. L. FAHNESTOCK & Co., late of the firm of B. A. Fahnestock & Co., and successors to Fleming Bros., Wholesale Druggists No. 60, corner Wood and Fourth Sts., Pittsburgh, Pa.

B. A. FAHNESTOCK & CO., WHOLESALE Druggists and Manufacturers of White Lead, Lead and Litharge, corner Wood and Front streets, Pittsburgh. mch7

WHOLESALE HOUSE.....GEORGE REITER
BRAUN & REITER, WHOLESALE AND Retail Druggists, corner of Liberty and St. Clair sts., Pittsburgh.

JOSEPH FLEMING, (SUCCESSOR TO L. Wilcox & Co.) corner Market street and Diamond, keeps constantly on hand a full and complete assortment of Drugs, Medicines, Medicine Chests, Perfumery, and all articles pertaining to his business.

☞Physicians prescriptions carefully compounded at all hours. jan1y

DR. GEO. H. KEYSER, DRUGGIST, 140 Wood street, corner of Wood street and Virgin Alley, Pittsburgh, Pa.

JOHN P. SCOTT, WHOLESALE DEALer in Drugs, Paints, Oils, Varnishes and Dyestuffs, No. 226 Liberty street, Pittsburgh.
All orders will receive prompt attention
☞Agent for Schenck's Pulmonic Syrup mar21:1yd&w

Produce Dealers.

RIDDLE, WIRTS & CO., General Commission Merchants and Dealers in Groceries and Produce, No. 184 Liberty street, Pittsburgh, Pa.
☞Consignments solicited and satisfactory returns guaranteed. de16:1yd&w7

JAMES HOLMES & CO., Pork Packers and Dealers in Provisions, corner of Market and Front streets. ja6:1yd

S. SUTCHIFFE.....D. S. LEECH
LEECH & HUTCHINSON, Commission and Forwarding Merchants, dealers in Western Reserve Cheese, Flour, Fish, Bacon, Butter, Linseed Oil, Salt and Petrol Lubes, Seeds, Grain, Dried Fruit, and Produce generally. Best brands Family Flour always on hand—Agents for the sale of Madison Co's celebrated, Patented Paint Skins. Nos. 116 Second and 145 First sts., between Wood and Smithfield sts., Pittsburgh, Pa. ap21yd

CHEESE WAREHOUSE.—HENRY H. COLLINS, Forwarding and Commission Merchant, and Dealer in Cheese, Butter, Lake Fish and Produce generally, 25 Wood st., above Water, Pittsburgh. my21

EAGLE WAREHOUSE.—JAS. GARDiner, Wholesale Dealer in Flour, Provisions and Produce generally, No. 6 Fourth street, between Liberty and Smithfield, Pittsburgh, Pa.
☞Terms cash. mr23:1y

F. SELLERS & CO., Dealers in Provisions, Rose, Lard Oil, &c., No. 309 Liberty street, opposite the head of Smithfield street. ap26:1y&w

Insurance Agents.

EUREKA INSURANCE COMPANY 99 Water street. ROBT. FINNEY, Secy. C. W. Bavenstos, General Agent. my3

A. A. CARRIER, SECRETARY Pennsylvania Insurance Company of Pittsburgh, Jones' Building, fourth street.

M. GORDON, Secretary Western Insurance Company, 92 Water street.

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

P. A. MADEIRA, Agent for Delaware Mutual Insurance Co., 42 Water street.

R. W. POINDEXTER, Agent Great West ern Insurance Co., 97 Front street.

Carpets.

W. D. & H. McCALLUM,
DEALER IN CARPETS, OIL CLOTHS, MATTINGS, &c. No. 67 Fourth street near Wood

Dry Goods.

S. M. BURCHFIELD.....GEO. A. BURCHFIELD.....W. S. MURPHY
BURCHFIELD & CO., (successors to Murphy & Burchfield,) Wholesale and Retail Dealers in Staple and Fancy Dry Goods, North-east corner Fourth and Market sts., Pittsburgh. ap1

C. H. LOVE, Dealer in Staple and Fancy Dry Goods, sign of the original Bee Hive, No. 74 Market street, Pittsburgh. mr19

R. H. PALMER, No. 105 Market Street, Dealer in Bonnets, Hats, Straw Trimmings, and Straw Goods generally. s28

Booksellers, &c.

WM. G. JOHNSTON & CO., Stationers, Blank Book Manufacturers and Job Printers, No. 67 Wood street, Pittsburgh, Pa. se30

E. C. COCHRANE, (SUCCESSOR TO E. S. Sadler,) Wholesale and Retail Dealer in Books, Stationery and Paper Hangings, Federal street, 6th door S. E. of Market Square, Allegheny, Pa.

JOHN S. DAVISON, BOOKSELLER AND Stationer, successor to Davison & Agnew, No. 63 Market street, near Diamond, Pittsburgh, Pa.

KAY & BRO., BOOKSELLERS AND STATIONERS, No. 68 Wood street, next door to the corner of Third, Pittsburgh, Pa. School and Law books constantly on hand.

J. L. READ, BOOKSELLER AND STATIONER, No. 78 Fourth st., Apollo Buildings.

HUNT & MINER, BOOKSELLER and Stationer, Masonic Hall, Fifth street.

Painters.

JOHN THOMPSON & CO.,
HOUSE, SIGN AND ORNAMENTAL
PAINTERS AND GLAZIERS,
No. 135 THIRD STREET, PITTSBURGH, PA
mr20:1yd

Real Estate Agents.

WILLIAM WARD,
DEALER IN PROMISSORY NOTES, Bonds, Mortgages and all securities for money. Persons can procure loans through my Agency, on reasonable terms.
Those wishing to invest their money to good advantage, can always find first and second class paper at my office, for sale.
All communications and interviews strictly confidential
Office GRANT STREET, opposite St. Paul's Cathedral
jel6:1y

Upholstery.

WALTER P. MARSHALL.....JOSEPH R. HUSTON
Wall Paper Warehouse.
WALTER P. MARSHALL & CO., Importers and Dealers, 87 Wood street, between Fourth street and Diamond Alley, where may be found an extensive assortment of every description of Paper Hangings, for Parlors, Halls, Dining Rooms and Chambers. Also, Window Shades, in great variety at lowest prices to country dealers. se16 WALTER P. MARSHALL & CO.

Music, &c.

JOHN H. MELLOR, No. 81 WOOD ST., between Diamond Alley and Fourth street, Sole Agent for CHICKERING & SONS' (Boston) PIANO FORTES, MASON & HAMLIN'S MODEL MELODEONS and ORGAN HARMONIUMS, and Dealer in Musical and Musical Goods. ja23

H. KLEBER & BRO.,' No. 52 FIFTH St., Sign of the Golden Harp, Sole Agent for HUNNS & CLARK'S (New York) unrivalled Grand and Square PIANOS, and GARHART & SEEDHAM'S genuine MELODEONS and ORGAN HARMONIUMS, Dealers in Music and Musical Instruments. fe6

CHARLOTTE BLUME, MANUFACTURer and Dealer in Piano Fortes, and Importer of Music and Musical Instruments. Sole Agent for the HAMBURG PIANOS, also for HALLET, DAVIS & CO'S Boston Pianos, with and without Æolean Attachment. 118 Wood street. my2

Carriages.

CARRIAGES! BUGGIES! ROCKAWAYS! PHAETONS, BAROUCHES, GIGS,
AND everything in the line, purchased from the most reliable
EASTERN MANUFACTURERS,
Together with a full assortment of elegant
Eastern Harness
In every variety suitable for single or double teams. Also, Axles, Springs, and other items, too numerous to mention, constantly on hand and for sale at reasonable prices by JOHN S. SHAFFER,
Diamond street, near Liberty, Pittsburgh, Pa.
☞Carriages bought and sold on commission. Repairing neatly and promptly done. se27:1y

TEAS! TEAS!! TEAS!!!
—WILLIAMS & JOHNSTON, 114 *Smithfield Street, Pittsburgh*, have a very choice selection of Family Groceries, consisting in part of the following:
100 chests fine to extra fine Oolong and Oolong Teas;
50 " " Hyson, G. P. and Imp. Teas
50 catty bxs. " " "
40 bbls. Crushed, Pulverized and Coffee Sugars;
50 bags Rio, Laguayra and Old Government Java Coffee;
20 bbls. extra Syrups and Molasses;
10 " pure Cider Vinegar;
25 boxes M. R., Layer and Valentia Raisins;
10 bbls. Zante Currants;
50 boxes "Woman's Friend" Soap;
25 " Colgate's Robet do
50 " Palm, German and Rosin Soap;
50 " Sperm, Star, Opal and Mould Candles;
25 " Pearl and Silver Gloss Starch;
50 cases pure ground spices;
100 " Spices.

Manufacturers.

FIRST PREMIUM AWARDED
BY THE STATE FAIR TO
GRAFF & CO.,
MANUFACTURERS,
FOR THE BEST
STOVES.
FOR THE BEST
COOKING RANGE FOR FAMILIES.
With large Feed Door for throwing in Coal,
AND BEST WOOD COOK STOVE.
DIPLOMA FOR BEST LAUNDRY STOVE.
Also, on hand a large assortment of Heating Stoves, Plain and Fancy Grate Fronts, Fenders, Sad and Dog Irons, Sugar Kettles, Wagon Boxes, Hollow Ware, &c.
GRAFF & CO.,
No. 340 Liberty Street,
AT THE HEAD OF WOOD STREET.
my2:1yd PITTSBURGH, PENNA.

WELLS, RIDDLE & CO.,
93 Fourth Street, Pittsburgh, Pa.
MANUFACTURERS OF
WHIPS, THONGS AND SWITCHES.
Orders solicited from the trade, and promptly shipped as per instructions.
TERMS—6 months, or 6 per cent discount for cash
se23:1yd&w7

HOLTZMAN & WIEDKROLD,
[SUCCESSORS TO J. SPERING.]
No. 100 Third Street, Pittsburgh,
Manufacturers and Dealers in
Curtains, Cornices, Bands, Shades, Blinds,
Mattresses, Comforts, Cushions, &c.
☞Particular attention paid to STEAMBOAT WORK
CARPETS FITTED AND LAID TO ORDER
au14:6m

REMOVAL.
DUQUESNE IRON STORE.
COLEMAN, HAILMAN & CO.,
Manufacturers of
Iron, Nails, Steel Springs, Axles, Wrought Nuts, Washers, Spikes, Bolts, etc., etc.
Have removed to their new and extensive Warehouse,
No. 77 Water and 94 Front Street,
Where they are prepared to execute all orders in their line having a large and complete assortment of
"Duquesne" manufactured goods on hand, which they offer for on liberal terms. fe4:1y

Iron City Stove Warehouse.
W. BRADSHAW, (Successor to T. & J. CRAIG & Co.) Manufacturer of TIN, IRON and COPPER WARE, and Dealer in STOVES, &c., No. 141 WOOD STREET, between Fifth and Virgin alley, Pittsburgh, Pa. fe3:1yd

DUQUESNE FOUNDRY
R. McCOY & CO.,
LIBERTY STREET, opposite Penna. R. R. Depot,
PITTSBURGH, PA.
MANUFACTURE to order, on short notice, CASTINGS, SHAFTING & PULLEYS, of all sizes and descriptions, of the best materials and latest styles; also WAGON BOXES, SAD IRONS, GRATES, &c., always on hand or cast to order.
☞Orders left at the FOUNDRY, or at Cartwright & Young's, 86 Wood st., will receive prompt attention
jan1ly

J. A. BREED.....late of the firm of J. S. Hall & Breed
HALL & BREED,
SPEED & HALL,
Valley Forge Plow Works,
No. 189 Liberty Street, near Fifth, Pittsburgh.
MANUFACTURERS of every variety of Plows, Plow Castings, &c., on the most approved Patterns suitable for every kind of soil and tillage.
Their Improved Patent Iron Centre, Patent Iron Centre Hillside, Iron Centre rebolted, Patent and Cotton Levels, Steel Mouldboard, Valley, Peacock, Sugar, Cotton and other Plows are WARRANTED to give entire satisfaction to purchasers, both as to quality and adaptation to use.
☞Orders are solicited. ja1:1yd

CARTWRIGHT & YOUNG,
(Successors to John Cartwright,)
MANUFACTURERS and Importers of Pocket and Table Cutlery, Surgical and Dental Instruments, Gun Materials, Fishing Tackle, &c., No. 56 Wood street. They give special attention to the manufacturing of Trusses, Supporters, &c. Jobbing and Repairing with punctuality and despatch ap14:1yd

WILLIAM BARNHILL.....JAMES M. WILSON
WILLIAM BARNHILL & CO.,
61 Penn st., below Marbury, Pittsburgh, Pa.
STEAM BOILER MAKERS AND SHEET Iron Workers, Manufacturers of Barnhill's Patent Boiler, Locomotive, Flued and Cylinder Boilers, Chimneys, Breeching, Fire Bed, Steam Pipes, Condensers, Salt Pans, Sugar Pans, Iron Vats, Life-Boats, &c. Also, Tinned Roof Work, Bridge and Viaduct Irons, done at the shortest notice. All orders from a distance promptly attended to.
jy22

Penn Cotton Mills, Pittsburgh.
KENNEDY, CHILDS & CO., MANUFACturers of—
Penn A No 1 Duck; 14 Sheetings
Carpet Chain of all colors and shades
Cotton Twine;
" Gerlk;
" Plough Lines and Sash Cord;
" Rope of all sizes and descriptions.
Batting.
☞Orders left at the Hardware Store of I. Lee Wiley, & Co., 153 Wood street, will be attended to. ja28:1y

JAMES IRWIN,
MANUFACTURER OF
SULPHURIC ETHER; Sulphuric Acid
Sweet Spirits of Nitre, Nitric Acid,
Hydrochloric Acid, Muriatic Acid,
Aqua Ammonia, FFF, Nitrous do
Fowler's Solution; my2
May be found at John Irwin & Sons, 57 Water street.

WILLIAM TATE & SON,
PLUMBER AND GAS FITTER, No. 10 Fourth street, Pittsburgh, and dealers in Chandeliers, Brackets and Fixtures, under south Excelsior Hall, Allegheny.
☞Every Description of Fittings for Water, Gas and Steam se21:1y

Commission, &c.

OTIS SHEPARD.....OTIS SHEPARD
CULP & SHEPARD,
COMMISSION MERCHANTS,
AND DEALERS IN
FLOUR, GRAIN & PRODUCE,
No. 142 Liberty Street,
PITTSBURGH, PA.
Choice brands of FLOUR, for Baker's and Family use, constantly on hand. Particular attention paid to filling orders for Merchandize generally. oc6:1yd

HERBST & BARKER,
PRODUCE AND PROVISION
COMMISSION MERCHANTS,
267 Liberty Street, corner of Hand,
PITTSBURGH, PENN'A
☞Particular attention given to the purchase and sale of Flour, Grain, Dried Fruits, Potatoes, Pork, Lard, Butter, Cheese, Clover and Timothy Seeds, &c.
Orders promptly filled at the lowest market prices. Advances made on consignments.
☞Office of the Pittsburgh Bag Manufactory. au31:1yd

SAMUEL B. FLOYD & CO.,
COMMISSION MERCHANTS
And dealers in Flour, Grain and Produce Generally,
534 LIBERTY STREET, near P. R. R. Depot,
PITTSBURGH, PA. ja28:1y

T. W. WALKER, NEW YORK..... BARNEY BROTHERS,
Late of Pittsburgh Philadelphia
PITTSBURGH COMMISSION HOUSE.
WALKER & BARNEYS,
COMMISSION MERCHANTS,
And Agents for the Sale of
PITTSBURGH MANUFACTURED GOODS,
COAL OILS AND OTHER MERCHANDISE
No 160 Pearl Street,
NEW YORK.
☞Consignments solicited, to which proper personal attention shall be given, and proceeds promptly remitted
REFERENCES
Messrs Bryce, Richards & Co., Messrs. John Black & Co.,
Alexander King, Esq., " McKee & Brother,
Messrs. Adams, Macklin & Co. Wilson & Brains, N Y
ja21:1yd

J. W. CHADWICK.....CHAS. CHADWICK
CHADWICK & SON,
COMMISSION MERCHANTS,
DEALERS IN PAPER AND RAGS,
And Agents for the Sale of
Mahoning Fire Brick and Pot Clay,
Nos. 149 and 151 Wood Street, near Sixth, Pittsburgh
☞Wrapping Paper at Manufacturers' prices. Cash paid for Rags. ja21:1yd

S. CUTHBERT.....S. L. CUTHBERT.
S. CUTHBERT & SON, General Commission Agents for the Sale and Purchase of Real Estate, No. 54 Market street, Pittsburgh. ja21:1yd

LLOYD & FORSYTH,
WHOLESALE GROCERS,
AND
DEALERS IN PRODUCE,
COMMISSION MERCHANTS
for the sale of
PIG METAL AND BLOOMS,
No. 257 Liberty Street,
Feb'y 1, 1859:y20 PITTSBURGH, PA.

J. B. CANFIELD.....D. M. BARBOUR
J. B. CANFIELD & CO.,
Commission & Forwarding Merchants,
And Wholesale Dealers in
WESTERN RESERVE CHEESE,

Grocers.

THOS. LITTLE, JR.....JAMES TRIMBLE
LITTLE & TRIMBLE,
WHOLESALE GROCERS AND DEALERS IN
Flour, Bacon, Cheese,
Fruits, Oils & Produce,
112 SECOND ST., PITTSBURGH
my16

WILLIAM BAGALEY,
WHOLESALE GROCER,
Nos. 18 and 20 Wood Street,
ja24:dtf *PITTSBURGH*

O. S. KNOTTS.....WM. STEWART, late with
of Lewis & Edgerton, Pittsb'g Bearstett & Martin, Phila
EDGERTON & STEWART,
(Successors to Lewis & Edgerton,)
Wholesale Grocers and Commission Merchants,
107 Wood Street, Pittsburgh, Pa.
ja6:1yd

JOHN WOLFE.....JAMES WOLFE
JOHN M'GILL & SON, Grocers and Commission Merchants Agents for the sale of Pig Iron and Blooms, No. 183 Liberty street, Pittsburgh. fe8:1yd

ALEXANDER KING, WHOLESALE Grocer and Importer of Soda Ash, No. 73 Liberty street, Pittsburgh, Pa. ap1:1yd

GEO. B. JONES.....JAS. L. COOLEY
JONES & COOLEY, WHOLESALE GROCERS and Heat Furnishers, dealers in Produce and Pittsburgh Manufactures, No. 121 Water street, near Cherry Alley, Pittsburgh, Pa. my26

SAM'L P. SHRIVER.....JOHN H. DILWORTH
SHRIVER & DILWORTH, WHOLESALE Grocers, No. 136 and 132 Second street, (between Wood and Smithfield), Pittsburgh

JOHN FLOYD.....RICHARD FLOYD.....WILLIAM FLOYD
JOHN FLOYD & CO., WHOLESALE Grocers and Commission Merchants, No. 123 Wood and 225 Liberty street, Pittsburgh. je16

JOHN WATT.....JOHN WILSON
WATT & WILSON, WHOLESALE GROCERS, Commission Merchants and Dealers in Produce and Pittsburgh Manufactures, No. 258 Liberty street, Pittsburgh. ja19

WM. McCUTCHEON WHOLEsale Grocer, Produce and Commission Merchant, and Dealer in Pittsburgh Manufactured Articles, No. 136 Liberty street, corner of Diamond alley, Pittsburgh. my3

JOHN ATWELL.....J. J. LEE.....CHAS. ATWELL
A. TWELL, LEE & CO., WHOLESALE Grocers, Produce and Commission Merchants, and Dealers in Pittsburgh Manufactures, No. 2 Wood street, between Water and Front st., Pittsburgh ap19

ROBT. ROBISON.....SAM'L S. ROBISON.
R. ROBISON & CO., WHOLESALE Grocers, Commission Merchants, and Dealers in all kinds of Provisions, Produce and Pittsburgh Manufactures, No. 255 Liberty street, Pittsburgh. ja19:1yd

ROBERT H. KING, WHOLESALE GROcer, Commission Merchant, and Dealer in Produce, Fish, Flour, and all kinds of Country Produce, No. 211 Liberty street, mouth of Sixth, Pittsburgh, Pa. Liberal advances made on consignments ja6:1yd

ROBERT DALZELL.....JAMES S. BERGHING.
ROBERT DALZELL & CO., WHOLESALE Grocers, Commission and Forwarding Merchants and Dealers in Produce and Pittsburgh Manufactures, No. 75 Liberty street, Pittsburgh, Pa. ap12

ISAIAH DICKEY & CO., WHOLESALE Grocers, Commission Merchants, and Dealers in Produce, No. 80 Water street, and 63 Front street, Pittsburgh

Furniture.

JAMES W. WOODWELL,
FURNITURE WAREHOUSE AND CHAIRS,
WHOLESALE AND RETAIL
Embracing every style of
FURNITURE,
ROSEWOOD, MAHOGANY AND WALNUT,
Suitable for
PARLORS, CHAMBERS AND DINING ROOMS
Equal to any in
NEW YORK AND PHILADELPHIA
WAREROOMS, Nos. 77 and 79 THIRD STREET,
my26:dtf *PITTSBURGH, Pa*

JOHN S. DUNN.....PAUL S. FOLSOM.....FABIUS M. KING
P. S. FOLSOM & CO.,
MANUFACTURERS OF
FURNITURE AND CHAIRS
Of Every Description
FACTORY—*Federal St., between Wylie and Penna. Avenue*
Warehouse—Nos. 18 & 40 Smithfield St.

STEAMBOAT CABIN FURNITURE. We are constantly manufacturing STEAMBOAT CABIN FURNITURE and CHAIRS, and invite the attention of those interested to furnishing boats
se26:1y T. D. YOUNG & CO.

Miscellaneous Cards.

JOHN H. BRADSTREET.....HENRY BRADSTREET
J. & H. BRADSTREET & SON'S IMPROVED MERCANTILE AND LAW AGENCY, E. H. NEVIN, Jr., Agent for Pittsburgh. Office removed to No. 57 Fourth street, Pittsburgh.
Office in New York No. 222 Broadway
☞Our Reports of Merchants and Bankers are prepared with great care.
☞Notes and Accounts collected promptly. my25

ICE CREAM! ICE CREAM!
ICE CREAM
P. A. MORRISON is now prepared to furnish Saloons and Soda Water Fountains, Parties and Families with Cream
my23 62 ST. CLAIR STREET

FALL STYLE.
The Latest Styles of
HATS AND CAPS
JUST OUT
JAMES WILSON'S,
Federal Street, Allegheny City,
Opposite the Pittsburg Bank

T. A. MIERSCH & SONS,
FRENCH AND AMERICAN CONFECTIONARY,
Wholesale and Retail,
62 ST. CLAIR ST.,
Manufacturers of French Sugar Toys, Gum Drops, Cream Fruits, Roman Candy and Kisses etc. jy14

J. W. KERR,
Architect,
ap3:1yd No. 58 St. Clair street, Pittsburgh

B. F. SHOPE,
MERCHANT TAILOR,
No. 75 SMITHFIELD ST., makes to order and in the neatest manner Men's and Boy's Coats, Pants, Vests &c.
☞Give him a call. ap3:1yd

J. N. SHALLENBERGER & CO.
[*Successors to R. Dunlap, Jr.*]
IMPORTERS AND DEALERS IN
HARDWARE AND CUTLERY,
No. 101 Market Street,
PITTSBURGH, PA. my17:dtf

REMOVAL.—J. S. Liggett & Co., have removed from Nos. 69 and 70 Water street to No. 75 Water and 92 Front street

J. S. LIGGETT.....JOHN LINDSAY
J. S. LIGGETT & CO.,
FLOUR FACTORS and Produce Commission Merchants, for the sale of Flour, Grain, Seeds and Produce generally, Nos. 75 Water and 92 Front street, Pittsburgh, Penn's. ja28:1y

W. L. CALDWELL.....JOHN CALDWELL, JR.
CALDWELL & BRO.,
BOAT FURNISHERS AND DEALERS IN Manilla, Hemp and Cotton Cordage,
Tarpaulin, Duck, Light and Heavy Drillings, &c.,
ap6:1y No. 68 Water and 74 Front Street

JACOB REESE,
MINER AND DEALER IN
CANADA MAGNETIC,
CHAMPLAIN AND LAKE SUPERIOR
IRON ORES;
WROUGHT, SCRAP IRON
AND PIG METAL.
☞OFFICE—CORNER OF FRONT AND SMITHFIELD STREETS.

LANE'S PHOTOGRAPHIC GALLERY, corner of FIFTH and GRANT STREETS, in Hughes's Building, opposite the Court House.
The Gallery has just been fitted up with superior side and sky-light.
Photographs, Ambrotypes, Daguerreotypes, &c., taken in styles not to be surpassed.
Strangers and citizens are cordially invited to call and examine for themselves. Prices moderate
☞Entrance on Fifth street. Rooms easy of access
ap30:1yd

DILLER TREDWELL.....HENRY C. SCHELL
TREDWELL & SCHELL,
BANKERS,
SOMERSET, PENNA
☞Collections solicited and Returns promptly remitted
REFERENCES
MECHANICS' BANK, Pittsburgh.
H. PATRICK & CO., do
PHILIP REYHER.....ROBERT J. ANDERSON
REYHER & ANDERSON,
WHOLESALE DEALERS IN FOREIGN FRUITS, NUTS and SPICES, CONFECTIONERY, SUGARS, FIRE WORKS, &c., No. 39 WOOD STREET, opposite St. Charles Hotel, Pittsburgh, Pa. mr12:1yd

STUCCO WORKER.
JAMES OWENS,
CORNER ELM AND WYLIE STREETS,
☞STUCCO AND MASTIC WORKER, gives particular attention to all orders for work in his line
☞CENTERS and ORNAMENTS of all kinds furnished on short notice. ap26:dly

T. W. SCHOONER,
Watch and Clock Maker,
IMPORTER OF
FINE WATCHES AND JEWELRY,
No. 25 Fifth street, between Wood and Market, Pittsburgh, Pa.
☞Particular attention paid to the repairing of Watches of every description warranted.

SHORP & HORNE,
TEAM FITTERS, No. 130 Second street, between Wood and Smithfield sts. Manufacturers and dealers in Chandeliers, Brackets and Fixtures of a superior style. All orders promptly attended to.
Plans and Specifications furnished for Gas Fixtures, &c. Pipe constructed of any capacity for public or private buildings, warranted.

JOHN CAMPBELL,
MANUFACTURER OF BOOTS
and Shoes of every description, No. 34 Smithfield street, Pittsburgh, Pa. oc11:1yd

J. J. & J. SPEER,
MANUFACTURERS,
Penn Street, Pittsburgh;
Of the celebrated First Premium CENTRE AND HILL-SIDE REVOLVING PLOWS.
Patent Lever, Centre Lever, Improved Wrought Mold-board, Creole, Valley and every other description of
BROW CASTINGS, CULTIVATORS, &c.
They continue to carry on the old Phoenix Foundry on Penn street, and Cecil alley, the Castings of which are long celebrated for their excellence. All orders promptly filled and satisfaction given to customers or no sale. se7dyd

Pittsburgh Gazette.

PUBLISHED DAILY AND WEEKLY BY
R. ERRETT & CO.,
FIFTH STREET, ABOVE SMITHFIELD.

☞*THE DAILY GAZETTE* is the oldest Newspaper in the West, and having an extensive circulation among the business men, and reaching all classes, it offers inducements to advertisers *at the best medium through which to reach the public.*

☞*THE WEEKLY GAZETTE* is issued every Wednesday and Saturday, on a large blanket sheet, and contains in addition to the news of the week, a carefully prepared and reliable report of the Markets, commercial and monetary affairs, and an accurate Bank Note List, corrected weekly for this paper—making it the best Commercial Newspaper in the West

TERMS!
DAILY—Six Dollars per annum, payable in advance, or 12½ cents per week, payable to the Carriers.
WEEKLY—Two Dollars per annum, payable in advance
Clubs are furnished on the following terms:
Four copies one year $5 00
Ten " " 10 00
Twenty " " 20 00
And one to the person getting up the club free.
☞Advance payments are strictly required, and no paper will be sent after the time is up to which it was paid

Rates of Advertising.

1 Square of 12 lines, 1 time			50
1 " "	"	2 "	75
1 " "	"	3 "	1 00
1 " "	"	1 week	1 75
1 " "	"	2 "	3 00
1 " "	"	3 "	4 00
1 " "	"	1 month	5 00
1 " "	"	2 "	8 00
1 " "	"	3 "	10 00
1 " "	"	4 "	12 00
1 " "	"	12 "	30 00

Yearly advertisers are entitled to one square, changeable at pleasure, per annum 25 00
☞Advertisements with Cuts double price.

The Victoria (St. Lawrence) Bridge.
[COMMUNICATED.]

The present autumn will witness the completion of, perhaps, the greatest engineering work of our time: of that great bridge across the river St Lawrence, of which the Britannia Bridge over the Menai Straits proves to have been but the precursor, as it Americans it will hereafter seem but as the shadow

It may not be uninteresting, at such a time, to recall the circumstances under which this work was undertaken, and to record, briefly, the history of its construction

The Grand Trunk Railway, a direct and uninterrupted communication between the north and south shores of the St. Lawrence was of vital consequence inasmuch as a bridge across the St Lawrence was the key to the whole province, so, in possession of that key, the Grand Trunk Railroad would command the whole external intercourse of Canada, whilst, without it, it must remain a mere provincial line

These considerations naturally weighed with increased strength upon the Canadian people and the Directors of the Grand Trunk Railway as that line approached completion A bridge they saw that they must have, but the question was, could such a bridge be made

The difficulties, indeed, of crossing the St Lawrence were far from inconsiderable Its width, even at the most available point, is very formidable its current is very rapid its depth not insignificant Besides this, the navigation of the river, not merely by steamboats and other vessels, but by enormous timber rafts, had to be provided for so that unusual elevation and an unusual width between the piers were both required There was another obstacle, more formidable far more formidable—than all In the winter season the river St Lawrence presents a field of ice from three to five feet thick Whilst it is thus frozen, the river rises sometimes as much as twenty feet above its summer level This rise of water might be provided for, but how was accident to be avoided, at the annually recurring period when the breaking up of the ice exhibits, how the mighty mass One of the most wonderful operations of nature on the continent

This breaking up of the ice in North America, though welcomed as the harbinger of returning summer, is an event which carries with it no inconsiderable amount of apprehension to the mind of the Canadian From the extreme thickness of the ice in the middle of the river, little or no effect is immediately produced upon it by the action of the sun But the banks of the river, imbibing the heat, melt away the thinner portion of the ice which touches them, thereby depriving the main body of the support it received from its contact with the shore, wrenches the ice upwards, and breaks and tears it into fragments, which, larger or smaller, go floating down the river in masses, bearing before them almost everything which they encounter

Dismal tales are rife in Canada of the fatal disasters which have occurred to life and property by the breaking up of the ice The city of Montreal has especially suffered from these fatalities Before now, the ice has burst into the city and been found sliding down its streets It has broken into the second floor windows of dwelling houses after blocking up the front doors for weeks It has forced down river terraces and spoilt public and private gardens Large warehouses, erected without due precaution on the banks of the rivers, have been pushed over by the great moving shafts of river ice, as if they were mere humbug of cards At sudden bends of the river, where the ice meets with obstruction, it piles itself, sometimes, into huge icebergs, from fifty to eighty feet in height At length, when the river rises, these icebergs get again into its current, and go rolling and sweeping down the St Lawrence, carrying danger and destruction all before them

Could any bridge be devised to withstand these formidable difficulties If possible, how was such a bridge to be constructed The Directors of the Grand Trunk Railway, to whom these questions were so vitally important, took a course which will probably be thought to redound greatly to their enterprise and sagacity they determined to take the opinion of the most eminent engineer whose advice and counsel they could obtain

The Britannia bridge across the Menai Straits was opened in 1849, and it was not, therefore, unnatural that in 1852 the Directors should look to Mr Robert Stephenson as the engineer most competent to advise them Mr Stephenson considered the subject of so much interest and importance, that he determined to go out to Canada, personally, for the purpose of dealing with it He accordingly repaired there at the end of the summer of 1852, and, after examining into the facts, made a public declaration of his opinion, that a bridge across St. Lawrence was practicable On the 2nd of May following, Mr. Stephenson addressed to the Grand Trunk Railway Directors a Report, in which he consided the whole question in three branches: first, as to the description of bridge best calculated to prove efficient and permanent; second, as to the proper site, and thirdly, as to the necessity of such a structure. Upon the first point he did not hesitate at once to recommend the adoption of a tubular bridge, as the description of bridge best fitted for a permanent, safe and substantial structure in such a situation; on the second point, he was not a little influenced by considerations affecting the flow of the river and "those almost irresistible forces" consequent upon the breaking up of the ice in spring

As Mr. Stephenson's view of the nature of those forces, and the best mode of encountering them, has not yet, that we are aware of, received publicity, it may be interesting to place them on record, especially as we are enabled to do so *without authority*. Mr. Stephenson, on his arrival in Canada, met with numerous alarmists, who could graphically describe to him the effect of the ice, but he met with no one who had in any way measured or calculated the amount of its pressure In considering the question whether a bridge could be constructed to withstand that pressure, it appeared to Mr. Stephenson to be of primary importance to ascertain really and precisely what that pressure was This was a question of calculation, though, in the absence of any data, the difficulty was not to calculate it And here, before the reader proceeds further, he may, perhaps, not without advantage, pause for a moment to ponder on the way to solve the problem—what is the amount of the pressure of ice four or five feet thick in a running stream of a certain inclination, velocity, and breadth

This problem puzzled Mr. Stephenson himself at first, but it was not long before he hit on an expedient. He first got at the inclination of the river; next at his velocity. He then assumed that the ice upon that river was what they told him it usually was, from four to five feet thick. He then inquired into the condition of the river, and he found that, about nine miles above Montreal, there was a fall called the Fall of Lachine, which, of course, separated the body of ice below it. Taking these data, he calculated what would be the pressure of nine miles of ice, from four to five feet thick, lying on a plane of given inclination, and pressing against the piers of a bridge across the channel. The result of that calculation in figures it would be unnecessary, even if it were possible, to state; but, whatever were the figures, they enabled Mr. Stephenson at once to realize one all-important fact. He arrived at the conclusion that "the almost irresistible force" of this mass of ice would crush or sweep away any ordinary bridge, and that all the suggestions previously made for encountering the difficulty were only likely to result in disaster if carried into effect.

For, up to the period of Mr. Stephenson's Report, great difference of opinion existed in Canada and elsewhere as to the probable effect of the ice pressure. One party held that no bridge whatever could stand against it: another, whilst admitting the difficulty to be formidable, thought timber casings or fenders, such as those in use on the small rivers of Norway and elsewhere, would be an efficient protection for the piers. The proposal most forcibly impressed on Mr. Stephenson was to protect his piers by what is called a "crib-work," that is to say, by large masses of timber in front of the piers, crossed and weighted, and as thick or thicker than the ice itself. It was evident, from the first, that this extensive crib-work must be an additional obstacle and impediment to the free navigation of the river, and to the passage of the ice. But, beyond this, Mr. Stephenson's calculations convinced him that such a work would be entirely inadequate to protect such a structure as he contemplated, in such a river as the river St. Lawrence: and that, even if the crib-work stood, it would be subject to such abrasion and wear and tear, from its conflicts with the ice, that it would require to be reinstated at least every two or three years. It was more than doubtful to his mind if such an arrangement would be capable of resisting the ice at all; and if it did not, the capital of the company would be wasted. Mr. Stephenson, therefore, at once determined that such a work was undesirable: and that such enormous stakes as those at issue could not be left dependent upon the uncertainty of such an expedient

"Cribs" he felt were useless: but there were methods by which the pressure could be resisted independently of "cribs." Mr. Stephenson decided on the adoption of stone piers, to carry the tubes at wide intervals, each pier having, on the side opposed to the course of the stream, large cut-waters of solid stone work, inclined against the current, up which, as it were, the ice would creep, and break itself to pieces by its own weight and pressure. He arranged that these wedge-shaped cut-waters should present angles to the ice sufficient to separate and fracture it as it rose up upon the piers, but at the same time so obtuse as not to be liable themselves to fracture. These piers, therefore, were devised to answer the double purpose of piers and ice-breakers. They exhibit, as now constructed, every indication of massiveness and power to resist pressure as well as of stability to support the superstructure. Experience, indeed, has proved the piers suited for all the purposes for which they were designed. During the four years the structure has been in progress, it has entirely fulfilled all the conditions its originator anticipated: and it has withstood, in the most satisfactory manner, the most violent pressures which have followed the break up of the ice in spring

Whilst the piers of this bridge are thus peculiar in their design, in order to meet the peculiar circumstances of the country and the climate of Canada, the superstructure, which creates in America so much surprise, is an elongated repetition only of the design for the Britannia Bridge The Victoria Bridge is indeed remarkable for its extreme length, but its several tubes are not so long as those of the Britannia Bridge, and are only otherwise distinguishable inasmuch as that they are the longest tubes yet constructed without the adaptation of the cellular principle It deserves notice, however, that these tubes, in all their details, were designed, plate by plate and rivet by rivet, in the office of Mr Stephenson, and were calculated for every strength and strain, and prepared and arranged in all their details, under the sole superintendence and supervision of his relative, Mr. George Robert Stephenson. So completely were all the arrangements respecting these plates conducted, that, under the directions of that gentleman, every plate and piece of iron was punched in England before it was sent out to Canada: and elaborate and detailed drawings and instructions were sent by the same hand to show the method of conjunction On the arrival, therefore, of each separate cargo of iron in Canada, little remained to those upon the spot but to fasten together the various pieces, and place them in their order and position as directed.

It is not the object of the present preliminary paper to enter into the fuller stat