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TO SOUTHERN BUYERS:

We herewith hand you a carefully prepared DIRECTORY of the LEADING MANUFACTURERS AND DEALERS OF THE UNITED STATES, with the hope that you will hang the same in some convenient place in your office and consult it when buying goods. When in correspondence with any of the parties please mention "The Tradesman," which, by the way, you should have mailed you regularly (unless you are already a regular subscriber.)

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Adzes.
Peck, A. G. & Co.....Cohoes, N. Y.
Air Compressors.
Cope & Maxwell M'n'f'g Co.....Hamilton, O.
Amalgamating Pans.
New York Mining Machinery Co...New York
Angle Bars.
South Tredegar Iron Co...Chattanooga, Tenn.
Anvils.
Eagle Anvil Works.....Trenton, N. J.
The Todd-Donigan Iron Co.....Louisville, Ky.
Architects.
Bruce & Morgan.....Atlanta, Ga.
Burdick, I. E.....Chattanooga, Tenn.
Architectural Iron.
The Merz Arch. Iron Works...Louisville, Ky.
Architectural Ornaments.
[STAMPED.]
Bakewell & Mullins.....Salem, Ohio.
[MOULDED.]
Henrion, A.....Cincinnati, Ohio.
Artists' Materials.
Comstock, Wm. T.....New York City.
Artificial Limbs.
Evans, Chas. M.....Cincinnati, Ohio.
Matthews, B.....Louisville, Ky.
Asbestos Materials.
Carey, Phil & Co.....Cincinnati, Ohio.
Attorney and Counselor.
Manning, J. M.....Boston, Mass.
Axes.
Peck, A. G. & Co.....Cohoes, N. Y.
Axles.
Concord Axle Co.....Fisherville, N. H.
Helmbacher Forge and Rolling Mills Co., St. Louis, Mo.
Lima Machine Works.....Lima, Ohio.
The Midvale Steel Co.....Philadelphia, Pa.
The Todd-Donigan Iron Co.....Louisville, Ky.
Wurster, F. W.....Brooklyn, N. Y.
Bags.
[PAPER.]
Lehman & Bradford.....Chattanooga, Tenn.
Barrows.
Tallcot, W. E.& Co..Croton-on-Hudson, N. Y.
[BAGGAGE.]
Penfield Block Co.....Lockport, N. Y.
Bars, Chains and Tassels.
[GALVANIZED IRON.]
McLean, John.....New York City.
Bearings.
[JOURNAL.]
Mencely, Geo. R. & Co.....West Troy, N. Y.
Shimer, G. J. & Co.....Freemansburg, Pa.
Bellows.
The Todd-Donigan Iron Co.....Louisville, Ky.
Belting.
Bell, Jay J. & Co.....New York City.
McGowan John H. & Co.....Cincinnati, Ohio.
The Preble Machine Works Co...Chicago, Ill.
Pyne, W. T.....Louisville, Ky.
Williamson & Cassedy.....Philadelphia, Pa.
[LEATHER AND RUBBER.]
Dillingham, W. H. & Co.....Louisville, Ky.
[RUBBER.]
GuttaPercha and Rubber Mf'g Co.New York.
Belt Hooks.
Champion Belt Hook Co.....New York.
Dewey Manufacturing Co.....New York.
Bessemer Pig Metal.
St. Louis Ore and Steel Co.....St. Louis, Mo.
Bicycles.
Gurmully, R. P.....Chicago, Ill.
Binding Cases.
Shannon & Mead.....Chicago, Ill
Blast Furnace Work.
Walton, C. J.....Louisville, Ky.
Blocks.
[TACKLE, PULLEY AND SNATCH.]
Bagnall & Loud.....Boston, Mass.
Harmony, H. B.....Cincinnati, Ohio.
Penfield Block Co.....Lockport, N. Y.
Blowers.
Buffalo Forge Co.....Buffalo, N. Y.
Empire Portable Forge Co.....Cohoes, N. Y.
Williamson & Cassedy.....Philadelphia, Pa.
[HAND.]
Empire Portable Forge Co.....Cohoes, N. Y.
Boilers.
Abendroth & Root Mnf'g Co.....New York.
Brownell, R. H. & Co.....Dayton, Ohio.
Briggs, H. C.....New York.
Chat.Steam Boiler W'ks,Chattanooga, Tenn.
Cruickshank, D. B.....Providence, R. I.
Fleming, P.....Chattanooga, Tenn.
Gates Iron Works.....Chicago, Ill.
Graveley, F. P.....New Orleans, La.
Harrison Boiler Works.....Philadelphia, Pa.
Mitchell, John.....Louisville, Ky.
Newells' Universal Mill.....New York City.
Smith, Myers & Schnier....Cincinnati, Ohio.
Sweeney, M. A. & Bro.....Jeffersonville, Ind.
Smith, H. B. Machine Co....Philadelphia, Pa.
The Atlantic Works.....E. Boston, Mass.
The Joseph Mitchell Boiler Yard..Louisville.
The Snyder Steam Engine C...New York City.
[illegible] Shops.....St. Louis, Mo.
[illegible] ville, Ky.
Cleaning [illegible]
[illegible] Works.....[illegible], Ill.
Boiler Compound.
American Boiler Compound Co.Chicago, Ill.
Crescent Manufacturing Co.....Cleveland, O.
Houghton & Co.....New York City.
Boiler Makers' Materials.
Park Brother & Co.....Pittsburg, Pa.
Boiler Tube Cleaner.
[KEYSTONE.]
Kelley, John T.....Erie, Pa.
Boiler Testing Apparatus.
Rue Manufacturing Co. ...Philadelphia, Pa.
Bolt Cutters.
Boynton & Plummer.....Worcester, Mass.
Wells Bros. & Co.....Greenfield, Mass.
Bolts.
The Todd-Donigan Iron Co.....Louisville, Ky.
[BOILER PATCH]
Hoopes & Townsend.....Philadelphia, Pa.
[MACHINE AND CAR.]
Hoopes & Townsend.....Philadelphia, Pa.
[PLOW AND BUTTON HEAD.]
Hoopes & Townsend.....Philadelphia, Pa.
[R. R. TRACK.]
Hoopes & Townsend.....Philadelphia, Pa.
Bolts and Washers.
Fuller Brothers & Co.....New York City.
Rolling Cloths.
Bell, J. Jay & Co.....New York City.
Gerhart, J. A.....Easton, Pa.
Pyne, W. T.....Louisville, Ky.
Bolt Cutters.
Wiley & Russell Mnf'g Co..Greenfield, Mass.
Books.
National Book Co.....New York.
Comstock, William T.....New York.
Brands.
Bunting, W. A.....Pittsburg, Pa.
Brass.
[SHEET OR ROLLS.]
Hussey, C. G. & Co.....Pittsburg, Pa.
Brass Goods.
McGowan, John H. & Co....Cincinnati, Ohio.
Pyne, W. T.....Louisville, Ky.
Sweeney M. A. & Bro.....Jeffersonville, Ind.
Brass and Iron Goods.
Crane Bros. Mnf'g Co.....Chicago, Ill.
Braziers.
Hussey, C. G. & Co.....Pittsburg, Pa.
Bridges.
Mosely Iron Bridge and Roof Co...New York.
Brushes.
Bunting, W. A.....Pittsburg, Pa.
Butter Dishes.
[PAPER AND WOOD.]
Lehman & Bradford.....Chattanooga, Tenn.
Caligraphs.
Chaffee, W. G.....Oswego, N. Y.
Calipers and Dividers.
[SPRING.]
Stevens, J. & Co.....Chicopee Falls, Mass.
Cars.
Lima Machine Works.....Lima, Ohio.
Car Couplers.
Cuddy, Wm. S. & Co.....St. Louis, Mo.
Cars.
[LOGGING.]
Lima Machine Works.....Lima, Ohio.
Car Frames with Trucks.
Burnet & Co.....Cincinnati, Ohio.
Car Pile Drivers.
Vulcan Iron Works.....Chicago, Ill.
Car Wheels.
Griffin Car Wheel Co.....Detroit, Mich.
Lima Machine Works.....Lima, Ohio
Carriage Goods.
The Todd-Donigan Iron Co.....Louisville, Ky.
Castings.
Wagner, Ambrose.....Chattanooga, Tenn.
Griffin Car Wheel Co.....Detroit, Mich.
Lowe & Kirk.....Chattanooga, Tenn.
Wason Car and Foundry Co.....Chattanooga,
[STEEL.]
Chester Steel Casting Co....Philadelphia, Pa.
Eureka Cast Steel C[illegible]a, Pa.
The Midvale Ste[illegible] Pa.
Mencely, Geo. R[illegible] N. Y.
Castors.
Giles, D. & Co.[illegible]
Cattle Tie[illegible]
[ROPE, SNAP AND THIMBLE.]
Covert M'f'g Co.....West Troy, N. Y.
Cement.
Chur, Aug. T.....New York City.
Merchant, S. L. & Co.....New York City.
Chains.
[BREAST.]
Covert M'f'g Co.....West Troy, N. Y.
[HALTER, REIN AND MARTINGALE.]
Covert M'f'g. Co.....West Troy, N. Y.
[SASH.]
Morton, Thomas.....New York City
Chain Links.
Hoopes & Townsend.....Philadelphia, Pa
Chimneys.
Chatta. Steam Boiler W'ks.....Chattanooga,
Chisels.
The Globe M'f'g Co.....Middletown, Conn.
Chucks and Slide Rests.
The Amer. Tool and Mach. Co., Boston, Mass.
Chucks.
Sweetland & Co.....New Haven, Conn.
[DRILL, CAR-WHEEL, MILLING AND LATHE]
The E. Horton & Son Co. Windsor Locks, Ct.
Clothes Wringers
Smith, S. Morgan.....York, Pa.
Coal
Etna Coal Co.....Whiteside, Tenn.
Soddy Coal Co.....Chattanooga, Tenn.
[COMPRESSED.]
Cory, Wm. H.....Chattanooga, Tenn.
[BLACKSMITH.]
Etna Coal Co.....Whiteside, Tenn.
Coal, Coke and Wood
Evans, J. W.....Chattanooga, Tenn.
Coke
Etna Coal Co.....Whiteside, Tenn.
Commission Iron
Sites & Gill.....Philadelphia, Pa.
Young, H. G.....Chattanooga, Tenn.
Commission Merchant
Simpson, Joe.....Chattanooga, Tenn.
Concentration Works
Tasker, Stephen P. M.....Philadelphia, Pa.
Conveyers
[COTTON SEED AND GRAIN.]
Caldwell, H. W.....Chicago, Ill.
Copper and Brass
[PLAINISHED.]
Hussey, C. G. & Co.....Pittsburg, Pa
Copper and Sheets
Hussey, C. G. & Co.....Pittsburg, Pa.
Copper Works
Sweeney, M. A. & Bro.....Jeffersonville, Ind.
Cords
[WEIGHT AND HITCHING.]
Covert M'f'g Co.....West Troy, N. Y.
Cornice
[GALVANIZED IRON.]
Blakewell & Mullins.....Salem, Ohio.
Kittredge Cornice and Orn'tWorks, Salem, O.
Cotton and Woolen Machinery
Arnold, O. B.....New York City.
Wood, Thomas.....Philadelphia, Pa.
Cotton Gins.
Graveley, F. P.....New Orleans, La.
Cotton Beams.
Southern Scale Co.....Chattanooga.
Cotton Cans.
Taylor, N. & G. Co.....Philadelphia, Pa.
Counter Sinks.
Stevens, J. & Co.....Chicopee Falls, Mass.
Crucibles.
[BLACK LEAD.]
Hussey, C. G. & Co.....Pittsburg, Pa.
Crushers.
[ORE AND STONE.]
Blake's, E. S. Sons.....Pittsburg, Pa.
Gates Iron Works.....Chicago, Ill.
Totten & Co.....Pittsburg, Pa.
Crushers.
[CLAY.]
Penfield, J. W.....Willoughby, Ohio.
Damper Regulators.
Salamander Grate Bar Co.....New York.
Dies.
[ADJUSTABLE.]
Wells Bros. & Co.....Greenfield, Mass
Die Sinking.
Harris, J. G. & Co.....St. Louis, Mo.
Directories of Trade.
Boyd, Andrew.....Syracuse, N. Y.
Disintegrating Rifles.
New York Mining Machinery Co..New York.
Doors and Shutters.
[IRON.]
Garry Iron Roofing Co.....Cleveland, Ohio.
Drafting.
Lyman, E., C. E.....New Haven, Conn.
Drawing Instruments.
Comstock, Wm. T.....New York City.
Woolman, G. S.....New York City.
Drill Presses.
Bickford, H.....Cincinnati, Ohio.
Davis, W. P.....North Bloomfield, N. Y.
Garvin, E. E. & Co.....New York City.
Hill, Clarke & Co.....Boston, Mass.
Harrington, Edwin & Son...Philadelphia, Pa.
McFarlan & Nottingham...Cincinnati, Ohio.
The Todd-Donigan Iron Co....Louisville, Ky.
Sibley & Ware.....South Bend, Ind.
Driving Reins.
[ROPE.]
Covert Manufacturing Co...West Troy, N. Y.
Drying Apparatus.
St. Albans Manufacturing Co.St. Albans, Vt.
Dumb Waiters.
Clem & Morse.....Philadelphia, Pa.
Eave Gutters.
Eckel & Co.....Richmond, Ind.
Edgers.
McCarty & Co.....Sandy Hill, N. Y.
Electric Goods.
The Hecla Powder Co.....New York City.
Electrotypers.
Crosscup & West.....Philadelphia, Pa.
Elevators.
Byrne, P.....Nashville, Tenn
Graves, L. S. & Son.....Rochester, N. Y.
Harrington, Edwin & Son, Philadelphia, Pa.
Smith, Hill & Co.....Quincy, Ill.
Wood, Thomas.....Philadelphia, Pa.
[PASSENGER AND FREIGHT.]
Clem & Morse.....Philadelphia, Pa.
Eaton & Prince.....Chicago, Ill.
[MINING AND BLAST FURNACE.]
Eaton & Prince.....Chicago, Ill.
Engineer
[CIVIL HYDRAULIC.]
Smith, S. Morgan.....York, Pa.
Engineering Instruments
Pfister, Herm.....Cincinnati, Ohio.
Woolman, G. S.....New York City.
Young & Son.....Philadelphia, Pa
Engines
Adams, S. & Son.....Rome, N. Y.
Briggs, H. C.....New York City.
Byrne, P.....Nashville, Tenn.
Cruickshank, D. B.....Providence, R. I.
Enterprise Machine Works....Chattanooga.
Farquhar, A. B.....York, Pa.
Fleming, P.....Chattanooga, Tenn.
Gates Iron Works.....Chicago, Ill.
Graveley, F. P.....New Orleans, La.
Lee & Norton.....Cincinnati, Ohio.
Lowe & Kirk.....Chattanooga, Tenn.
Leffel, James & Co.....Springfield, Ohio.
Mercer, T. B.....West Chester, Pa.
Newell's Universal Mill.....New York City.
Smith, Hill & Co.....Quincy, Ill.
Smith, Myers & Schnier....Cincinnati, Ohio.
Sweeney, M. A. & Bro.....Jeffersonville, Ind.
The Snyder Steam Engine Co....New York.
The Westinghouse Machine Co....N. Y. City.
Union Machine Shops.....St. Louis, Mo.
Wheland, G. W.....Chattanooga, Tenn.
York Manufacturing Co.....York, Pa.
[ELEVATOR.]
Copeland & Bacon.....New York City.
Lidgerwood Mf'g Co.....New York City.
[HOISTING.]
Copeland & Bacon.....New York.
Lidgerwood Mf'g Co.....New York.
Mundy, J. S.....Newark, N. J.
[BAXTER.]
Munzer, Wm.....New York City.
[SMALL STEAMBOAT.]
Kracker, Otto.....St. Louis, Mo.
[CORLISS.]
Allis, Edward P. & Co.....Milwaukee, Wis.
Munzer, Wm.....New York City.
[STATIONARY AND PORTABLE.]
Curtis & Co. Mf'g Co.....St. Louis, Mo.
Louisville Machinery Depot...Louisville, Ky.
[PORTABLE.]
Leffel, James & Co.....Springfield, Ohio.
Taylor Manufacturing Co.Westminster, Md.
[AGRICULTURAL.]
Taylor Manufacturing Co.Westminster, Md.
[HARRIS-CORLISS.]
Harris, William A.....Providence, R. I.
[SHAPELY PORTABLE.]
Schwartz, Christian.....New York City.
[TRAMWAY.]
Lima Machine Works.....Lima, Ohio.
[MARINE AND STATIONARY.]
The Atlantic Works.....East Boston, Mass.
[BLAST, SECOND-HAND.]
Eureka Co.....Oximoor, Ala.
[HAG.]
Stout, Mills & Temple.....Dayton, Ohio.
Engines and Boilers
The Preble Machine Works Co...Chicago, Ill.
Salem Iron Works.....Salem, N. C.
Smith, H. B. Machine Co....Philadelphia, Pa.
Valley Iron Works.....Williamsport, Pa.
Engines and Pumps
Brandt, Randolph.....New York City.
Engravers
Chandler, H. C.....Indianapolis, Ind.
Harris, J. G. & Co.....St. Louis, Mo.
[PHOTO.]
Crosscup & West.....Philadelphia, Pa.
["IVES" PROCESS.]
Crosscup & West.....Philadelphia, Pa.
Etchers.
Rue Manufacturing Co.....Philadelphia, Pa.
Emery Wheels and Grinding Machinery
Curtis & Co., Mf'g Co.....St. Louis, Mo.
The Tanite Co.....Stroudsburg, Pa.
Exhausters
Buffalo Forge Co.....Buffalo, N. Y.
Extractors.
[HYDRO.]
The American Tool and Machine Co.Boston,
Expert in Patent Law and Practice
Gooch, Charles J.....Washington, D. C.
Robbins, E. P.....Cincinnati, Ohio.
Feathers, Wax, Oil Metals, Etc.
Simpson, Joe.....Chattanooga, Tenn.
Fencing.
[IRON.]
Wagner, Ambrose.....Chattanooga, Tenn.
Files.
[HAND-CUT.]
Campbell, M. R.....Tullahoma, Tenn.
Duffy Chilled File Co.....Chattanooga, Tenn.
Holden, H. S.....Chicago, Ill.
Northwestern File Works.....Chicago, Ill.
Files and Rasps.
Duffy Chilled File Co....Chattanooga, Tenn.
The Todd-Donigan Iron Co.....Louisville, Ky.
Tullahoma File Works.....Tullahoma, Tenn.
Files and Binding Cases.
Shannon & Mead.....Chicago, Ill.
Fire Bricks.
Chur, Aug. T.....New York City.
Justice, Philip S. & Co.....Philadelphia. Pa.
Montague & Co.....Chattanooga, Tenn.
Young, H. G.....Chattanooga, Tenn.
Fire Clay.
Montague & Co.....Chattanooga, Tenn.
Fish Plates.
Bir'gham Rolling Mill Co..Birmingham, Ala.
Lookout Rolling Mill.....Chattanooga, Tenn.
Forges.
[PORTABLE.]
Buffalo Forge Co.....Buffalo, N. Y.
Empire Portable Forge Co.....Cohoes, N. Y.
Forgings.
Chatt. Steam Boiler Works, Chattanooga,Ten
Helmbacher Forge and Rolling Mills Co..St. Louis, Mo.
[CAR.]
Hoopes & Townsend.....Philadelphia, Pa.
[IRON AND STEEL.]
Miller Forge and Iron Co.....Pittsburg, Pa.
[MARINE.]
Miller Forge and Iron Co.....Pittsburg, Pa.
[STEEL.]
The Midvale Steel Co.....Philadelphia, Pa.
Founders.
[BRASS.]
Kirkup, Wm. & Son.....Cincinnati, Ohio.
Foundries
Holden, H. S.....Chicago, Ill.
[BRASS AND IRON.]
Wagner, Ambrose.....Chattanooga, Tenn.
Foundry and Machine Works
Pyne, W. T.....Louisville, Ky.
Wheland, G. W.....Chattanooga, Tenn.
Foundry and Pipe Works.
Chattanooga Foundry and Pipe Works. Chattanooga, Tenn.
Flange Pipe.
[WROUGHT IRON.]
Merchant, S.L. & Co.....New York City.
Flue Scrapers.
Crescent Manufacturing Co.....Cleveland, O.
Freight Cars.
[RAILWAY.]
Wason Car and Foundry Co.....Chattanooga.
Furnace Fronts.
Walton, C. J.....Louisville, Ky.
Furnaces.
[BUILDERS OF BLAST.]
The Joseph Mitchell Boiler Yard, Louisville.
[JARVIS.]
Upton, A. F.....Boston, Mass.
Galvanized Buckets.
Hoopes & Merry.....New York City.
Galvanized Sheet Iron.
The Todd-Donigan Iron Co.....Louisville, Ky.
Gas Fixtures.
Fleming, P.....Chattanooga, Tenn.
Gas and Water Pipes.
[CAST IRON.]
Giles, D. & Co.....Chattanooga, Tenn.
Gates.
[GALVANIZED IRON.]
McLean John.....New York City.
Gauges.
[SURFACE.]
Stevens J. & Co.....Chicopee Falls, Mass.
Gearing.
Eureka Cast Steel Co.....Philadelphia, Pa.
Lyman, E., C. E.....New Haven, Conn.
[HEAVY.]
W. H. Barber & Co.....Allentown, Pa.
[MILL.]
Barber, W. H. & Co.....Allentown, Pa.
Smith, S. Morgan.....York, Pa.
Poole & Hunt.....Baltimore, Md.
[SHAFTING AND MILL.]
Wm. Sellers & Co.....Philadelphia, Pa.
Gearing and Shafting.
Stout, Mills & Temple.....Dayton, Ohio.
Gear Chart.
Lyman, E., C. E.....New Haven, Conn.
Gear Cutters.
[UNIVERSAL AUTOMATIC.]
Gould, E & Eberhardt.....Newark, N. J.
Gear Scales.
Lyman, E., C. E.....New Haven, Conn.
Gins and Presses.
Lowe & Kirk.....Chattanooga, Tenn.
Glass.
[PLATE AND SHEET WINDOW.]
Peale, W. C. & Bro.....Cincinnati, Ohio.
Governor.
[WATER WHEEL.]
Fruen, W. H.....Minneapolis, Minn.
[SHIVE.]
Williamson & Cassedy.....Philadelphia, Pa.
Grain Elevator Supplies.
Caldwell, H. W.....Chicago, Ill.
Grain Separators.
[MAGNETIC.]
Western Magnet Co.....Delavan, Ill.
Grate Bars.
Barbarous & Co.....Louisville, Ky.
Salamander Grate Bar Co.....New York.
Tupper, W. W. & Co.....New York City.
Walton, C. J.....Louisville, Ky.
Guns and Rifles.
Stevens, J. & Co.....Chicopee Falls, Mass.
Halters.
[WEB AND ROPE.]
Covert M'f'g Co.....West Troy, N. Y.
Hammers.
[POWER.]
Justice, Philip S. & Co.....Philadelphia, Pa.
The Todd-Donigan Iron Co....Louisville, Ky.
Handles.
Campbell, W. R.....Tullahoma, Tenn.
Dewey Manufacturing Co.....New York City.
[AXES, SPADES, SICKLES AND HAMMES.]
Tennessee Handle Co.....Chattanooga Tenn.
The Todd-Donigan Iron Co....Louisville, Ky.
Hangers.
[SLIDING DOOR.]
Prescott M'f'g Co.....Boston, Mass.
[BRACE.]
Prescott M'f'g Co.....Boston, Mass.
Union Machine Shops.....St. Louis, Mo.
[TRUSS.]
Prescott, M'f'g Co.....Boston, Mass
Hardware.
Herring, H.....New York City.
Holden, H. S.....Chicago. Ill.
Kimbark, S. D.....Chicago, Ill.
Hardware and Metal Trades Directory.
Andrew, Boyd.....Syracuse, N. Y.
Harness.
Emmons, T. A.....Lawrence, Mass.
[SNAPS.]
Covert M'f'g Co.....West Troy, N. Y.
The Globe M'f'g Co.....Middletown, Conn.
Hatchets.
Peck, A. G. & Co.....Cohoes, N. Y.
Hatchway Doors.
[AUTOMATIC.]
Clem & Morse.....Philadelphia, Pa.
Head Blocks.
[SAW MILL.]
Lee & Norton.....Cincinnati, Ohio.
Heating Apparatus.
[STEAM AND WATER.]
Kirkup, Wm. & Son.....Cincinnati, Ohio.
Heater and Filter.
Stillwell & Bierce M'f'g Co...Dayton, Ohio.
Hides, Furs and Wool.
Simpson, Joe.....Chattanooga, Tenn.
Hoists.
P. Byrne.....Nashville, Tenn.
Hollow Ware and Castings.
Wagner, Ambrose.....Chattanooga, Tenn.
Horse Ties.
[LEATHER.]
Covert M'f'g Co.....West Troy, N. Y.
[ROPE, SNAP AND THIMBLE.]
Covert M'f'g Co.....West Troy, N. Y.
Hose.
Pyne, W. T.....Louisville, Ky.
[RUBBER.]
Gutta Percha and Rubber M'f'g.....New York.
Hot Blast Stove.
[WHITWELL.]
Walton, C. J.....Louisville, Ky.
Hubs, Spokes and Rims.
Campbell, W. R.....Tullahoma, Tenn.
Hubs.
The Todd-Donigan Iron Co....Louisville, Ky.
Hullers.
[COTTON SEED.]
Kahnweiler, David.....New York City.
Newell's Universal Mill.....New York City.
Smith, Valle & Co.....Dayton, Ohio.
Hydraulic Jacks.
Dudgeon, Richard.....New York City.
Justice, Philip S. & Co.....Philadelphia. Pa.
Hydraulic Machinery.
Sellers, Wm. & Co.....Philadelphia. Pa.
Hydraulic Presses.
Smith, Valle & Co.....Dayton, Ohio.
Hydraulic Pressure Pumps.
Smith, Valle & Co.....Dayton, Ohio.
Hydro Extractors.
[D. W. WESTON.]
The Amer. Tool & Mach Co.....Boston, Mass.
Injectors.
Fleming, P.....Chattanooga, Tenn.
National Tube Works Co...McKeesport, Pa.
Rue Manufacturing Co.....Philadelphia, Pa.
Sellers, Williams & Co.....Philadelphia, Pa.
[LITTLE GIANT.]
Rue Manufacturing Co.....Philadelphia, Pa.
[LOCOMOTIVE, MACK'S PATENT.]
National Tube Works Co.....McKeesport, Pa.
Inks.
[INDELIBLE AND STENCIL.]
Bunting, W. A.....Pittsburg, Pa.
Iron.
Kimbark, S. D.....Chicago, Ill.
[BAND.]
Birm. Rolling Mill Co.....Birmingham, Ala.
[BAR.]
Birm. Rolling Mill Co.....Birmingham, Ala.
Heimbacher Forge and Rolling Mills Co., St. Louis, Mo.
Lookout Rolling Mill.....Chattanooga, Tenn.
[BAR, BAND, SHEET AND HOOP.]
The Todd-Donigan Iron Co....Louisville, Ky.
[CEILING.]
Northrop, A. & Co.....Pittsburg, Pa.
[CORRUGATED.]
Hoopes & Merry.....New York City.
[HOOP.]
Birm. Rolling Mill Co.....Birmingham, Ala.
[GALVANIZED SHEET.]
Taylor, N. & G. Co.....Philadelphia, Pa.
Hoopes & Merry.....New York City.
[PIG.]
Roane Iron Co.....Chattanooga, Tenn.
[SWEDISH.]
Lundell, Chas. T.....Boston, Mass.
Iron Brokers.
Sites & Gill.....Philadelphia, Pa.
Iron Buildings.
Mosely Iron Bridge and Roof Co., N. Y. City.
Iron Dealers.
Sites & Gill.....Philadelphia, Pa.
Iron Foundry.
Wurster, F. W.....Brooklyn, New York.
Iron Founders.
Wood, Thos.....Philadelphia, Pa.
Iron Fronts.
Wagner, Ambrose.....Chattanooga, Tenn.
Iron Siding.
[GARRY]
Garry Iron Roofing Co.....Cleveland, Ohio.
Iron and Metal.
Sites & Gill.....Philadelphia, Pa.
Iron and Steel.
Cambria Iron Co.....Johnstown, Pa.
Iron, Steel and Nails.
The Todd-Donigan Iron Co....Louisville, Ky.
Iron, Steel and Metal Trades Directory.
Boyd, Andrew.....Syracuse, N. Y.
Iron Works.
[SHEET.]
Sweeney, M. A. & Bro.....Jeffersonville, Ind.
[PLATE.]
Chat. Steam Boiler Wks, Chattanooga, Tenn.
Iron Pipe.
Fleming, P.....Chattanooga, Tenn.
Purves & Reynolds.....Chicago, Ill.
Iron Roofing.
Hyndman, W. G. & Co.....Cincinnati, Ohio.
Mosely Iron Bridge and Roof Co., N. Y. City.
Northrop, A. & Co.....Pittsburg, Pa.
Jack Screws.
The Todd-Donigan Iron Co....Louisville, Ky.
Jaws.
[MACHINE MADE.]
Fulle Brothers & Co.....New York City.
Kalsomine.
[DOMESTIC.]
McBride, Chas F.....York Pa.
Kettles.
[BRASS.]
Hussey, C. G. & Co.....Pittsburg, Pa.
Key Seating Machines.
Davis, W. P.....North Bloomfield, N. Y.
Knives.
Canton Saw Works.....Canton, Ohio.
[DRAWING.]
The Globe M'f'g Co.....Middletown, Conn.
[PLANER.]
Simonds M'f'g Co.....Fitchburg, Mass.
[SHINGLE STAVE.]
Simonds M'f'g. Co.....Fitchburg, Mass.
Lariat Tethers and Picket Pins.
Covert M'f'g Co.....West Troy, N. Y.
Lath Mills.
Adams, S. & Son.....Rome, N. Y.
Lathes.
Breitle, Geo. E.....Rochester, N. Y.
McFarlan & Nottingham.....Cincinnati, Ohio.
Harrington, Edwin & Son..Philadelphia, Pa.
Munzer, Wm.....New York City.
Narragansett Machine Co...Providence, R. I.
[AMATEUR.]
Narragansett Machine Co...Providence, R. I.
Shephard, H. L. & Co.....Cincinnati, O.
[BRASS.]
Macfarren, Levy & Co.....Cincinnati, Ohio.
[BRASS FINISHERS.]
The Am r. Tool & Mach. Co....Boston, Mass.
[DRILL.]
Fay & Scott.....Dexter, Maine.
[ENGINE.]
Hill, Clarke & Co.....Boston, Mass.
Reed, Jos. B.....Cairo, Ill.
[FOOT.]
Narragansett Machine Co...Providence, R.I.
Shephard, H. L. & Co.....Cincinnati, Ohio.
[HAND.]
Fay & Scott.....Dexter, Maine
Garvin, E. E. & Co.....New York City
[HOLLOW SPINDLE SPEED.]
Fay & Scott.....Dexter, Maine
[PATTERN MAKER'S.]
Fay & Scott.....Dexter, Maine
[POWER.]
Shepard, H. L. & Co.....Cincinnati, Ohio
[SCREW CHASING.]
The Amer. Tool & Mach. Co., Boston, Mass
[WOOD TURNING.]
Fay & Scott.....Dexter, Maine
Lathes and Planers.
Gould, E. & Eberhardt.....Newark, N. J
Lead.
[PIG AND BAR.]
The Todd-Donigan Iron Co.....Louisville, Ky
Letter Files.
Shannon & Mead.....Chicago, Ill
Lift Hoists.
Harrington, Edwin & Son...Philadelphia, Pa
Links and Pins.
Helmbacher Forge and Rolling Mills Co., St. Louis, Mo
Locks.
[NUT.]
Mercer, T. B.....West Chester, Pa
[STEMWINDING.]
Miller, D. K. Lock Co.....Philadelphia, Pa
Locomotives.
Lima Machine Works.....Lima, Ohio
[LIGHT.]
Porter, H. K. & Co.....Pittsburg, Pa
Locomotive and Car Wheels.
[STEEL.]
The Midvale Steel Co.....Philadelphia, Pa
Locomotive and Car Wheel Tires.
The Standard Steel Works...Philadelphia, Pa
Locomotive Cross Heads.
Eureka Cast Steel Co.....Philadelphia, Pa
Log, Beam and Set Works.
Salem Iron Works.....Salem, N. C
Loom Builders.
Wood, Thomas.....Philadelphia, Pa
Lubricators.
Fleming, P.....Chattanooga, Tenn
Lubricating Oils.
[VALVE OLEUM.]
Voute, Bernard T.....Chicago, Ill
Machines.
[BAND AND JIG SAWS.]
Clement, Frank H.....Rochester, N. Y
[BAND SAWING.]
Clement, H. Frank.....Rochester, N. Y
[BORING.]
Clement, H. Frank.....Rochester, N. Y
[BRICKS.]
Penfield, J. W.....Willoughby, ohio
Tallcot, W. E. & Co...Croton-on-Hudson,N.Y
[CANTISC.]
McCarty & Co.....Sandy Hill, N. Y
[CARDING.]
Dillingham, W. H. & Co.....Louisville, Ky
[DOVETAILING.]
Battle Creek Mach. Co....Battle Creek, Mich
[DRILLING.]
Wells, Bross., & Co.....Greenfield, Mass
Wiley & Russell Mf'g. Co.....Greenfield, Mass
[DRILL SHAPING.]
Boynton & Plummer.....Worcester, Mass
[GRINDING.]
The Tanite Company.....Stroudsburg, Pa
[HOISTING.]
Clem & Morse.....Philadelphia, Pa
Harrington, Edwin & Son...Philadelphia, Pa
Wood, Thomas.....Philadelphia, Pa
Justice, Philip S. & Co.....Philadelphia, Pa
[KEYSTONE FLOORING.]
Goodell & Waters.....Philadelphia, Pa
[LEATHER SPLITTING.]
The Am. Tool and Mach. Co....Boston, Mass
[MILLING.]
Garvin, E. E. & Co.....New York City
[MILLING, DRILLING, GRINDING AND BRUSH]
Macfarren, Levy & Co.....Chicago, Ill
[MINING.]
Whitcomb, Geo. D.....Chicago, Ill
[MOULDING.]
Witherby,Rugg& Richardson,Worcester,Mas
[MORTICING.]
Gould, E. & Eberhardt.....Newark, N. J
[NUT TAPPING, DURRELL'S PAT.]
Howard Bros.....Fredonia, N. Y
[PANELING.]
Battle Creek Machine Co., Battle Creek,Mich
[PATENT HOOP.]
Connell & Dengler.....Rochester, N. Y
[ROD AND DOWEL.]
Clement, F. H.....Rochester, N. Y
[SIFTING AND MIXING.]
Clem & Morse.....Philadelphia, Pa
[SHINGLE AND HEADING.]
Connell & Dengler.....Rochester, N. Y
[SAND PAPERING.]
The Cordesman & Egan Co., Cincinnati,Ohio
[SCREW.]
Macfarren, Levy & Co.....Chicago, Ill
[STANDARD KEY SEAT.]
Davis, W. P.....North Bloomfield, N. Y
[TILE.]
Penfield, J. W.....Willoughby, Ohio
[VENEER.]
Blakeslee Manufacturing Co., Du Quoin, Ill
[WASHING.]
Smith, S. Morgan.....York, Pa
[WOOL SCOURING.]
Wood, Thomas.....Philadelphia, Pa
Machinery.
Arnold, O. B.....New York City
Briggs, H. C.....New York City
Callahan, W. P. & Co.....Dayton, Ohio
Fleming, P.....Chattanooga, Tenn
Frank & Co.....Buffalo, N. Y
Hill, Clarke & Co.....Boston, Mass
Kracker, Otto & Co.....St. Louis, Mo
McCarty & Co.....Sandy Hill, N. Y
Narragansett Machine Co...Providence, R. I
Queen City Machine Works, Cincinnati,Ohio
Smith, H. B. Machine Co....Philadelphia, Pa
Smith, Myers & Schnier.....Cincinnati, Ohio
Smith, Valle & Co.....Dayton, Ohio
Sites & Gill.....Philadelphia, Pa
Tallcot W. E. & Co...Croton-on-Hudson,N.Y
The Deane Steam Pump Co., Holyoke, Mass
Union Machine Shops.....St. Louis, Mo
Wells Bross, & Co.....Greenfield, Mass
Wheland, G. W.....Chattanooga, Tenn
[BARREL.]
Crossley, H. A.....Cleveland, Ohio
[BREWERS.]
Munzer, Wm.....New York City
[BRICK.]
Tallcot, W. E. & Co.Croton-on-Hudson, N. Y
[BUGGY AND WAGON BUILDERS.]
The Cordesman & Egan Co..Cincinnati, ohio
[CHAIR MAKERS.]
The Cordesman & Egan Co..Cincinnati, ohio
[COTTON AND WOOL.]
Arnold, O. B.....New York City
[COTTON SEED OIL.]
McGowan, John H. & Co.....Cincinnati, Ohio
Smith, Val