95,468.—Cleaning Brush for Ordnance.—John Tyndale Greenfield, Dover, England.
95,469.—Ruffling Attachment for Sewing Machines.—Louis H. Gunnerman (assignor to himself and William G. Hoover), Pittsburgh, Pa.
95,470.—Shoe Knife.—M. E. Hall, Spring, Pa.
95,471.—Railway.—David Harrison, Fayette, Miss.
95,472.—Apparatus for Separating Gold from Sand.—D. F. Hawkes, Timbuctoo, Cal.
95,473.—Process of Seasoning Wood.—T. W. Heinemann, New York city.
95,474.—Process and Apparatus for Preserving Wood.—T. W. Heinemann, New York city.
95,475.—Press for Making Coffin tops.—A. W. Hendrick, Batavia, Ill.
95,476.—Valve Device for Steam and other Enginery.—E. H. Hewins, Boston, Mass.
95,477.—Milk and Provision Safe.—William Hinman, Elkhart, Ind.
95,478.—Cigar Machine.—J. C. Hintz, Cincinnati, Ohio.
95,479.—Tile Machine.—George Jackson, Albany, N. Y.
95,480.—Machine for Cutting Tapers.—Clark Jillson, Worcester, Mass.
95,481.—Governor for Steam and other Enginery.—W. J. Kesselmeyer and C. A. Kesselmeyer, Manchester, England, and E. H. Nacke, Als-Schoenfeld, Saxony.
95,482.—Whip Holder.—A. W. Johnson, New York city.
95,483.—Boring Tool.—W. J. Johnson, Newton, and George Tainter, Watertown, Mass.
95,484.—Manufacture of White Oxide of Zinc.—Richard Jones, Mount Holly, N. J.
95,485.—Hulling Machine.—C. H. Keniston, Somerville, and J. H. Sawyer (assignors to J. T. Prince), Boston, Mass.
95,486.—Steam Engine.—Alden Kilby, Boston, Mass.
95,487.—Plow.—Henry Killam, Mendon, Mich.
95,488.—Carriage-Axle Connection.—J. W. Kingsbury, New Bedford, Mass.
95,489.—Doll.—Martin Kintzback, Philadelphia, Pa.
95,490.—Sawing Machine.—R. M. Lafferty (assignor to himself and J. E. & J. P. Prutzman), Three Rivers, Mich.
95,491.—Chair.—Allen Lapham, Paterson, N. J.
95,492.—Chocolate Paste.—L. F. Leger, New York city.
95,493.—Hay Raker and Loader.—J. C. Leonard, S. B. Holcomb, and W. B. Wright, Clinton, Mo.
95,494.—Marine Paint.—W. H. Lewis, assignor to himself and J. B. Folger, Boston, Mass.
95,495.—Combined Try-Square, Calliper, etc.—W. J. Linton, Detroit, Mich. Antedated Sept. 20, 1869.
95,496.—Manufacture and Refining of Sugar.—Louis J. F. Marguerite, Paris, France. Patented in France, October 16, 1867.
95,497.—Car Spring.—J. R. Mathews, New London, Conn.
95,498.—Locomotive Head-Light.—H. S. Maxim and James Radley, New York city.
95,499.—Sewing Machine.—T. L. Malone, Mount Gilead, Ohio.
95,500.—Manufacturing German Hand-Cheese.—F. C. Mende and T. F. Mende, Philadelphia, Pa.
95,501.—Cooking Stove.—B. H. Menke, Cincinnati, Ohio.
95,502.—Suspended.
95,503.—Water Gage.—George Murray, Jr., Cambridgeport, Mass.
95,504.—Device for Holding Together the Different Parts of Bureaus and other Articles of Furniture.—J. O. L. Murray and D. A. Mullane, New Orleans, La.
95,505.—Cultivator.—A. S. Perrigo, Sandwich, Ill.
95,506.—Combined Latch and Lock.—N. Petre, New York city.
95,507.—Combined Latch and Lock.—N. Petre, New York city.
95,508.—Latch.—N. Petre, New York city.
95,509.—Lock.—N. Petre, New York city.
95,510.—Hot-Air Register.—H. M. Phinney, Cambridge, Mass.
95,511.—Window Blind.—Anthony Pirz and Manuel Pirz, East New York, N. Y.
95,512.—Air-Pressure Water Reservoir.—J. W. Prendergast, New York city.
95,513.—Flying Machine.—W. F. Quinby, Wilmington, Del.
95,514.—Churn Dasher.—Gustav Radbruch, Hoboken, N. J.
95,515.—Velocipede.—John Reinhart, (assignor to Andrew Christian), New York city.
95,516.—Machine for Making and Wrapping Webbing Boot Straps.—J. W. Richardson, South Braintree, Mass.
95,517.—Composition for Covering Steam Boilers, etc.—John Riley and C. W. Bissell, Troy, N. Y., assignors to C. W. Bissell, Terrance Riley and Mary C. Frazer.
95,518.—Fence.—Smith Riley, Kenton, Ohio.
95,519.—Staging for Roofs.—W. B. Ross, Keene, N. H.
95,520.—Cultivator.—S. A. Sabin, Pecatonica, Ill.
95,521.—Sleigh-Attachment for Velocipedes.—Theodore Searing, New York city.
95,522.—Harvester.—Allen Sherwood, Auburn, N. Y.
95,523.—Manure Drag.—A. H. Shock and H. R. Shirk, Lancaster, Pa.
95,524.—Farm Gate.—Daniel Shockey, Waynesborough, Pa.
95,525.—Mode of Attaching Trimming to Articles of Dress.—John Sims, Liverpool Road, England, assignor to Wm. Sparks Thompson.
95,526.—Harvester.—Wm. D. Slack, Lewisburg, Pa.
95,527.—Manufacture of Soap for Medicinal and for other Purposes.—Lebbeus W. Smith, Boston, Mass. Antedated September 18, 1869.
95,528.—Pipe Coupling.—Thomas Smith, Baltimore, Md.
95,529.—Fireplace.—Asa Snyder, Richmond, Va.
95,530.—Cradle.—Augustus Spiegel, Indianapolis, Ind.
95,531.—Water Velocipede.—Fisher A. Spofford and Matthew G. Raffington, Columbus, Ohio.
95,532.—Steam Generator.—Samuel Stanton, Newburg, N. Y.
95,533.—Boiler Water Regulator and Alarm.—Leopold Steigert, Cincinnati, Ohio.
95,534.—Manufacture of Pigments for Paints.—Robert S. Stenton, New York city.
95,535.—Seed Drill.—S. Stow, East Enterprise, Ind.
95,536.—Organ and Melodeon.—Simeon Taylor, Worcester, Mass.
95,537.—Harvester.—T. H. Taylor, Jeffersonville, Ill.
95,538.—Life Boat.—Henry Thompson, Mobile, Ala.
95,539.—Gang Plow.—J. N. Thompson and Wm. Kenady, Belpassi, assignors to D. W. Frary, Portland, Oregon.
95,540.—Automatic Passenger Register.—H. H. Trenor, New York city.
95,541.—Double Shovel Plow.—Charles Immanuel Voigt, West Salem Ill.
95,542.—Bath-tub Eduction Tube.—William. H. Walton, Philadelphia, Pa.
95,543.—Steam Engine Governor.—William Wickersham, Boston, Mass.
95,544.—Chair, Cradle, Cot, etc.—John T. Wightman, Charleston, S. C.
95,545.—Water Elevator.—J. W. Wheeler, Cleveland, Ohio.
95,546.—Railway Car Coupling.—J. C. Wilson, Appleton, Wis.
95,547.—Watch.—Charles V. Woerd, Waltham, Mass.
95,548.—Pitman-connection for Harvesters.—Rufus C. Wood, Le Roy, Kansas.
95,549.—Horse Power.—Daniel Woodbury, Rochester, N. Y.
95,550.—Furnace Door Frame.—David H. Young, Manchester, N. H.
95,551.—Stove Drum.—Wm. Allchin, Newburg, N. Y.
95,552.—Washing Machine and Table.—Daniel Arndt, Toledo, Ohio.
95,553.—Spring for Bed Bottoms.—Lyman M. Bates, Jackson, Mich.
95,554.—Manufacture of Sheet Iron.—Silas Barker, Hartford, Conn.
95,555.—Railway-rail Chair.—Robert C. Blackall, Albany, N. Y.
95,556.—Grain Dryer.—Wm. Blakey, Baltimore, Md.
95,557.—Grinding Mill.—Righter W. Bowman, Orangeville, Pa.
95,558.—Cider Press.—Asa Brooks, Tolland, Conn.
95,559.—Wagon Tongue Holder.—Orlando F. Bryant, Carver, Minn.
95,560.—Churn.—Francis Burdick, South East, N. Y., and Lodewick Burdick, Lockraven, Pa.
95,561.—Combined Straw-cutter and Feed Box.—Jesse Burgess, Richmond, Ind.
95,562.—Refrigerator.—Morgan Burton, Darlington, Pa.
95,563.—Cotton Press.—C. A. Caldwell, Concord, N. C.
95,564.—Spring-bed Bottom.—Charles L. Chadeayne, Yonkers, N. Y.
95,565.—Washing Machine.—E. Hall Covel, New York city.
95,566.—Post Auger.—Z. S. Cracraft, Lacon, Ill.
95,567.—Washing Machine.—John Crampton and Wm. H. Pangborn, Plainfield, N. J.
95,568.—Manufacture of Iron and Steel.—Norman Cutter, Cincinnati, Ohio, and Elliot Savage, West Meriden, Conn.
95,569.—Rock Drill.—Charlton H. Davis, San Francisco, Cal.
95,570.—Car Coupling.—Calvin R. Densmore and Jacob A. Vreeman, Oil City, Pa.
95,571.—Sewing Machine for Boots and Shoes.—Auguste Destouy) assignor to Charles Goodyear, Jr.), New York city.
95,572.—Table Caster.—Henry A. Dirkes, New York city.
95,573.—Washing Machine.—Charles F. Dodge, New York city
95,574.—Process of Distilling Spirits.—Joshua Ellingwood, Owensborough, Ky.
95,575.—Lamp-shade Supporter.—Charles W. Emerson (assignor to himself and John C. Abbott), Hartford, Conn.
95,576.—Fabric for Roofing and for other Purposes.—Benjamin F. Field, Beloit, Wis., and Robert D. O. Smith, Washington, D. C., assignors to Benjamin F. Field.
95,577.—Manufacture of Anvils, and the Top and Bottom Parts of Hammers, etc.—David Foster, Sheffield, England. Patented in England, June 4, 1868.
95,578.—Apparatus for Transmitting Power.—Arthur L. Freeman, South Boston, Mass.
95,579.—Platform for Railway Car.—Joseph Gilmer, Monticello, Fla.
95,580.—Machine for Drawing and Spinning Wool, etc., from the Carding Machine.—John Goulding, Worcester, Mass.
95,581.—Sewing Machine.—Joshua Gray, New York city.
95,582.—Machine for Sawing Lath.—Wm. P. Hale, Ionia, Mich.
95,583.—Process of Treating Wood, to Preserve, Season, and Give it a Better Surface.—Ira Hayford and Joseph F. Paul, Boston, Mass.
95,584.—Machine for Steaming and Shrinking Cloth.—Wm. Hebdon, New York city.
95,585.—Machine for Bending Fifth-wheels.—Geo. W. Heckart, New Lisbon, Ohio.
95,586.—Mechanical Movement.—William M. Henderson, Philadelphia, Pa.
95,587.—Suspended.
95,588.—Spring Scale.—Simon Ingersoll, Brooklyn, N. Y.
95,589.—Stair Rod.—Hans Iversen and Daniel Acker, New York city.
95,590.—Wagon Seat.—Melvin Jincks, Wallace, N. Y.
95,591.—Steam Engine Slide Valve.—Hans Knudsen, North Windsor, Wis.
95,592.—Sash Holder.—J. S. Kuder and Willoughby Seiple, Tiffin, Ohio.
95,593.—Water Wheel.—Dennis Lane, Montpelier, Vt.
95,594.—Hen's Nest.—D. P. Leach, Franklin, Ind.
95,595.—Low-water Indicator.—L. L. Lee, Milwaukee, Wis.
95,596.—Fence.—William Mallary, Bucyrus, Ohio.
95,597.—Water Closet for Railroad Cars.—W. E. Marsh, Jr., Plainfield, N. J.
95,598.—Mouldings of Wood.—W. J. Miller and J. W. Campbell, New York city.
95,599.—Coffeepot.—Elie Moneuse and Louis Duparquet, New York city.
95,600.—Washing Machine.—Chas. Muhl, Bloomington, Ill.
95,601.—Boiler Furnace.—G. H. Nott, Boston, Mass.
95,602.—Saw Teeth.—W. B. Noyes (assignor to himself and C. S. Baker), Manchester, N. H.
95,603.—Screw Feeding Apparatus.—E. S. Pierce, Hartford, Conn.
95,604.—Construction of Ordnance.—J. B. Read, Tuscaloosa, Ala. Antedated Sep. 27, 1869.
95,605.—Sirup for Flavoring Beverages, etc.—Victor Rilett, Hoboken, N. J.
95,606.—Calendering Machine.—H. E. Rogers, South Manchester Conn.
95,607.—Grain Drill.—J. R. Rude, S. B. Rude, and G. W. Rude, Liberty, Ind.
95,608.—Cider Press.—John Schaffer and Emanuel Stoner, Westminster, Md.
95,609.—Snag Boat.—E. M. Shield, Cincinnati, Ohio.
95,610.—Compound for Curing Toothache.—W. P. Sigsby, Delta, Ohio.
95,611.—Hay Elevator.—Anthony Smith, Shellsburg, Pa.
95,612.—Refrigerator, Sideboard, and Room Cooler.—D. E. Somes, Washington, D. C.
95,613.—Air Pump.—D. E. Somes, Washington, D. C.
95,614.—Apparatus for Transmitting Power by Means of a Fluid Passed Through a Pipe or Tube.—Robert Spear, New Haven, Conn.
95,615.—Sleeves of Overcoats, etc.—Joseph Steinhauser, Lancaster, Pa.
95,616.—Grain Dryer.—S. M. Stevens, Elwood, Ill.
95,617.—Process of Forming Letters, Characters, and Ornaments on Glass.—C. M. Strauss, Memphis, Tenn.
95,618.—Dish Washer.—James A. Strong, North Wolcott, Vt.
95,619.—Grain Drill.—W. H. Trimmer, Round Hill, Pa.
95,120.—Hotel Annunciator.—Lucius J. Vansands, Chicago, Ill.
95,621.—Pipe Connection.—Augustus Weyermann, Saint Gall, Switzerland.
95,622.—Spring for Beds, Berths, Car Seats, etc.—N. S. Whipple, Detroit, Mich.
95,623.—Boiler for Cooking Stoves.—Henry R. Robbins, Baltimore, Md., assignor to himself and J. J. Moran. Antedated Sept. 21, 1869.
95,624.—Mode of Applying Inks of Different Characters so as to Print Safety, Revenue, and other Stamps.—William Thorpe, St. Louis, Mo.
95,625.—Hoop Skirt.—K. McRae, New York city.
95,626.—Ink for Printing Revenue, Postage, and other Stamps, so as to Secure Greater Safety and Prevent Frauds.—Thos. Antisell, Washington, D. C.

REISSUES.

64,484.—Bucket Ear.—Dated May 7, 1867; reissue 3,658.—Henry Callahan, John Reese, and R. S. Hoglen, Dayton, Ohio, assignees, by mesne assignments, of Henry Callahan.
35,141.—Cooking Stove.—Dated May 6, 1862; reissue 3,659.—E. J. Cridge, Troy, N. Y.
57,743.—Metal Frame for Pianos.—Dated Sept. 4, 1866; reissue 3,660.—Martin Martins, New York city.
86,305.—Metallic Lathing.—Dated Jan. 26, 1869; reissue 3,661.—I. V. Holmes, New York city.
45,272.—Wash Boiler.—Dated Nov. 29, 1864; reissue 3,662.—John Reist, Philadelphia, Pa.
91,388.—Attachment of Main Springs to Watch Barrels, etc.—Dated June 15, 1869; antedated Dec. 15, 1868; reissue 3,663.—Arthur Wadsworth, Newark, N. J., for himself and Robert Schell, New York city, assignee of Arthur Wadsworth.
78,705.—Spring Seat.—Dated June 9, 1868; reissue 3,664.—J. L. Whipple, Detroit, Mich.
48,366.—Tremolo Attachment.—Dated June 27, 1865; reissue 3,444, dated May 18, 1869; reissue 3,665.—Alonzo Hitchcock, George G. Saxe, and James H. Robertson, New York city, assigneers of Riley W. Carpenter.

DESIGNS.

3,687.—Buckle.—Alma Bedford, Coldwater, Mich.
3,688.—Center Piece.—Henry Berger, New York city.
3,689.—Drawer Pull.—F. W. Brocksieper (assignor to Sargent & Co.), New Haven, Conn.
3,690 and 3,691.—Latch Handle.—F. W. Brocksieper (assignor to Sargent & Co.), New Haven, Conn. Two Patents.
3,692.—Match Safe.—F. W. Brocksieper (assignor to Sargent & Co.), New Haven, Conn.
3,693.—Shuttle Hook.—F. W. Brocksieper (assignor to Sargent & Co.), New Haven, Conn.
3,694 and 3,695.—Sash Lift.—F. W. Brocksieper (assignor to Sargent & Co.), New Haven, Conn. Two Patents.
3,696.—Door Knob.—Stephen Eich, East Toledo, Ohio.
3,697.—Muff.—J. K. Cappelhoff, New York city.
3,698 to 3,703.—Carpet Pattern.—E. J. Ney, Dracut, Mass., assignor to Lowell Manufacturing Co. Six Patents.
3,704.—Bell.—F. G. Niedringhaus, St. Louis, Mo.
3,705.—Tea Service.—Wm. Parkin (assignor to Reed & Barton), Taunton, Mass.
3,706.—Knitted Cap.—Wm. Schwab, New York city.
3,707.—Trade Mark.—George C. Thilenius, Cape Girardeau, Mo.

EXTENSIONS.

Boring Machine.—Arcalous Wyckoff and E. R. Morrison, of Elmira, N. Y.—Letters Patent No. 13,606, dated Sept. 25, 1855; reissue No. 404, dated Oct. 14, 1856.
Interlocking Grate Bars.—S. Van Syckle, of Titusville, Pa.—Letters Patent No. 13,669, dated Oct. 9, 1855.

PATENT OFFICE DECISION RESPECTING DESIGNS—APPLICATION OF FRANKLIN FIELD FOR A PATENT FOR A DESIGN FOR PAPER COLLARS.

ON APPEAL TO THE EXAMINERS-IN-CHIEF—S. H. HODGES FOR THE BOARD.

It is true, as has been remarked in this case, that the differences between the design presented, and the one referred to by the Examiner in charge, are very slight. The lines in the respective drawings are nearly the same, and were nearly in the same direction. It must be remembered, nevertheless, that almost imperceptible variations in the lines of drawings often change the whole aspect of the images represented, and may cost intense study, and the exercise of the highest genius. The emotions indicated by the painting of a face may be entirely changed by modifications which would not be noticed by a stranger to the art. The novelty of a design is not to be determined, therefore, by the extent to which the lines are parallel to those of another, but the effect must also be taken into consideration.

The design which was referred to as being an anticipation of the one before us was intended to represent a collar with a hem. The purpose of the applicant is to represent a collar with a tape attached to the border, and his drawing is modified accordingly. The change, though slight in itself, produces the desired effect. This constitutes a substantial difference between the two, and precludes the one from being regarded as an anticipation of the other.

The decision of the primary Examiner is reversed.

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