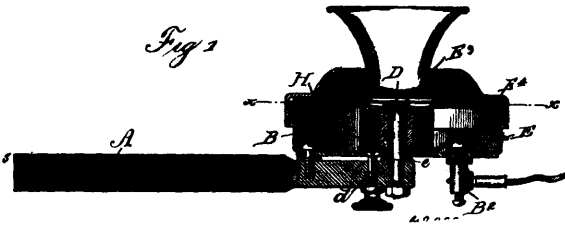
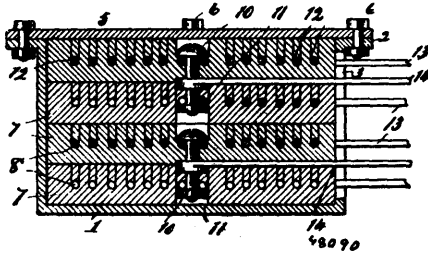


closing case. 2nd. In a magneto telephone, the combination of a permanent magnet, one end of which forms a handle and another magnet entirely enclosed in an enclosing case or shell. 3rd. In a magneto telephone, the combination of a permanent magnet or



magnets and an enclosing case, one of the magnets being entirely within the enclosing case. 4th. In a magneto telephone, the combination of a bar magnet either straight or bent, and a horse-shoe magnet, the horse-shoe magnet being entirely enclosed in the enclosing case. 5th. In a magneto telephone, the combination of a bar magnet, an enclosing case and a horse-shoe magnet, said magnets being out of contact and remote from each other. 6th. In a magneto telephone, the combination of a bar magnet and a horse-shoe magnet, one end of said horse-shoe magnet being in close proximity or contact with the diaphragm. 7th. In a magneto telephone, the combination of a permanent magnet forming a handle having a helix on one end, an enclosing case and horse-shoe magnet contained therein with suitable means for adjusting one of the permanent magnets to the diaphragm.

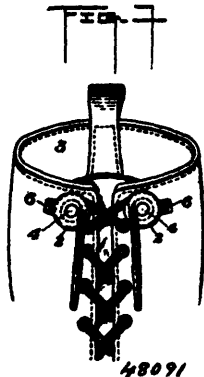
**No. 48,090. Rheostat. (Rheostat.)**



Thomas W. Shelton, St. Louis, Missouri, U.S.A., 1st February, 1895; 6 years.

*Claim.*—1st. A rheostat, comprising a cylindrical casing, a cover bolted to said casing, a series of fire-clay discs or plates in which are imbedded suitable wire coils, bolts connecting each pair of said discs, and suitable conductors from said bolts to the outside of the cylindrical casing. 2nd. A rheostat, comprising a cylindrical casing provided with a vertical slot in its face, a vertical rib on the interior of its wall, a suitable cover for said casing, a series of fire-clay discs located within said casing, said discs being provided with convolute grooves in their faces and semi-circular depressions in their edges, suitable conductors imbedded in said convolute grooves or depressions, bolts securing the discs together in pairs, and conductors leading from said bolts to the outside of the casing. 3rd. In a rheostat, pairs of discs or plates of fire-clay or analogous material bolted together, said plates having imbedded therein convolute conductors, and suitable conductors from the bolts to the edges of the discs or plates.

**No. 48,091. Lace Fastener. (Agrafe de lacets.)**

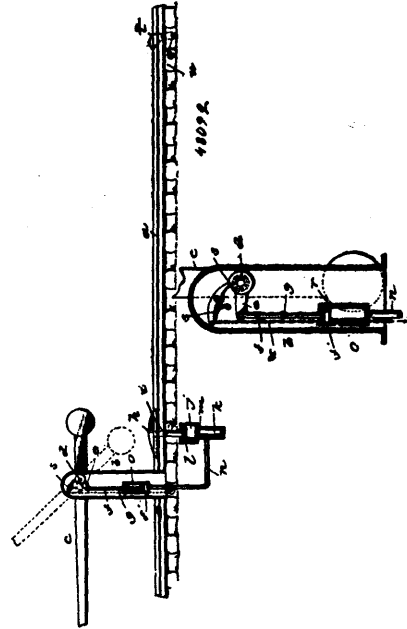


Alexander Matchett, Pittsburg, Pennsylvania, U.S.A., 1st February, 1895; 6 years.

*Claim.*—1st. A lace fastener consisting of a disc having a stem provided with a radial spring finger extending intermediately be-

tween the disc and the article to which it is applied, said finger having a downwardly bent or curved portion in its length to hold the lace in place, substantially as described. 2nd. A lace fastener consisting of a disc having an oblique hole therethrough, and provided with a stem having a radial spring finger extending intermediately between the disc and the article to which it is applied, said finger having a downwardly bent or curved portion in its length to hold the lace in place, substantially as described.

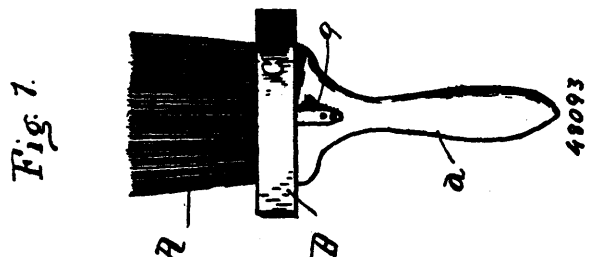
**No. 48,092. Railway Gate. (Barrière de chemin de fer.)**



James H. Fitzgerald, Neapolis, Virginia, U.S.A., 1st February, 1895; 6 years.

*Claim.*—1st. In a railway gate of the class described, the combination with a mast or arm mounted on a rock-shaft, a pawl for holding the mast in elevated adjustment, a tread-bar located alongside the rail and connected to the pawl by a cable extending alongside the track, whereby the pawl is disengaged by the approaching train, and the mast allowed to descend, and a pneumatic pump lift provided with a piston connected to lift and restore the mast to its upright position, in the manner and for the purpose substantially as described. 2nd. In a railway gate of the class described, the combination, with a balanced mast or arm sustained by a clutch or pawl, a tread-bar located alongside the track and connected with the catch by a cable, and a pneumatic pump in connection with an air cylinder and a piston within the cylinder connected to restore the mast to its raised position. 3rd. In a railway gate, the combination of a pivoted mast or arm sustained in raised adjustment by a catch, a tread-bar connected by a cable to the catch, a tread-bar connected to actuate a pneumatic pump, and an air cylinder provided with a piston connected to the mast and actuated by the pump, all arranged and adapted to operate in the manner, and for the purpose set forth. 4th. In an automatic railway gate, a pivoted mast provided with a spring-actuated pawl, or catch adapted to hold the mast in raised position, in combination with a tripping device connected to the pawl, a pneumatic pump provided with a tread-bar adapted to be actuated by a passing train, and a cylinder containing a piston connected to raise the mast.

**No. 48,093. Brush. (Pinceau.)**



Frances Joseph Clarke, Newport, Rhode Island, U.S.A., 1st February, 1895; 6 years.

*Claim.*—In combination, the brush having the square shoulder e,