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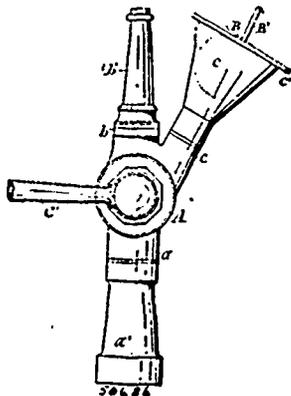
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INVENTIONS PATENTED.

NOTE.—Patents are granted for 18 years. The term of years for which the fee has been paid, is given after the date of the patent.

No. 50,686. Hose Nozzle. (*Lance de boyau.*)



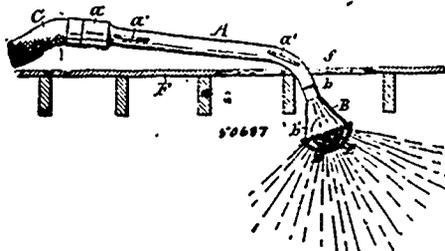
Charles Ver Treese Pollock, Greenwich, Connecticut, and Benjamin Frederick Merrett, Newark, New Jersey, both in the U.S.A., 2nd December, 1895; 6 years.

Claim.—1st. In a combined hose and spraying nozzle, the combination with a hose nozzle adapted to deliver a straight stream, a spraying nozzle at an angle and communicating with the said hose nozzle and provided with a flaring outlet, a spherical body within the flaring outlet, and means at the junction of the said nozzles whereby either (or both) may be closed as desired. 2nd. In a combined hose and spraying nozzle, the combination with the central part having an inlet, two outlets, and two parallel openings on a plane transverse to said inlet and outlets, of a cylindrical cut-off valve having a recess in the same transversely of its length seated in said parallel openings, means for rotating said valve, a flaring part on one of the said outlets, a ball loosely held within said part, and a guard over the mouth of said flaring part, as and for the purpose described. 3rd. In a combined hose and spraying nozzle, the combination with the central part having an inlet, two outlets, and two parallel openings on a plane transverse to said inlet and outlets, of a cylindrical cut-off valve having a recess in the same transversely of its length seated in said parallel openings, means for rotating said valve, a plurality of recesses in the casting around one of the

said parallel openings, and a spring carried by the cut-off valve and adapted to enter the recesses, substantially as and for the purpose set forth. 4th. The combination with the central part of a combination nozzle having an inlet and two outlets, two parallel openings on a plane transverse to said inlet, of a cylindrical cut-off valve having a recess in the side of the same transversely of its length seated in said parallel openings, a handle for rotating said valve, recesses in the part surrounding one of the parallel openings, a spring mounted on one end of and carried by the cut-off valve to enter the recesses, a flaring part on one of the outlets, and a ball held within said flaring part, as and for the purpose described.

No. 50,687. Combined Pipe and Nozzle.

(*Lance et tuyau combinés.*)



Charles Ver Treese Pollock, Greenwich, Connecticut, U. S. A., 2nd December, 1895; 6 years.

Claim.—1st. In a combined pipe and nozzle, the combination of a pipe bent intermediate of its length, and adapted to be connected to a line of hose, a nozzle with a flaring outlet on the end of said pipe, and a ball or other suitable spherical body within the flaring outlet, as set forth. 2nd. In a combined pipe and nozzle, the combination of a pipe bent intermediate of its length, and adapted to be connected to a line of hose, a nozzle with a flaring outlet on the end of said pipe, a ball within the flaring outlet and a guard extending across said outlet, substantially as set forth. 3rd. In a combined pipe and nozzle, the combination of a pipe having one end adapted to be connected to a line of hose and having a curved portion near its opposite end, a nozzle with a flaring outlet on the end of said pipe, a spherical body within the flaring outlet, and a guard extending across said outlet, substantially as described and shown. 4th. In a combined pipe and nozzle, the combination of a pipe having one end adapted to be connected to a line of hose and contracted in size toward the opposite end and provided with a curved portion near the latter end, a nozzle with a flaring outlet on the end of said pipe, a ball within the flaring outlet, a rim on the edge of the outlet, and a curved guard-piece secured at its ends to the said rim on diametrically opposite sides of the outlet, substantially as described and shown.

No. 50,688. Pneumatic Tool. (*Outil pneumatique.*)

James Wolstencroft, assignee of John G. Carlinet, both of Frankford, Philadelphia, Pennsylvania, U.S.A., 2nd December, 1895; 6 years.

Claim.—1st. In a pneumatic tool, the combination with a suitable casing, of a reciprocating striker, and a reciprocating valve movably fitted at one end in the casing and at the other end movably fitted to said striker by a cup and plunger arrangement, substantially as described. 2nd. In a pneumatic tool, the combination with a suit-