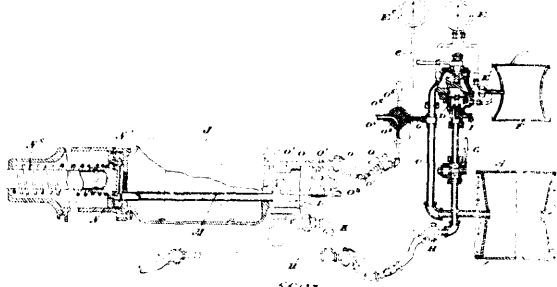


adapted to simultaneously engage the projecting pins or hooks whereby the rail becomes reversible, substantially as set forth. 3rd. The combination with a post having an externally projecting stud or pin, of a rail hanger having a hook adapted to engage the stud or pin, and a shield or covering strengthening the hook and enclosing the pin or stud, substantially as set forth. 4th. The combination with a post having projecting pins or studs on opposite sides thereof, of a rail, a rail hanger having a pair of hooks adapted to engage the ends or studs, and shields or coverings enclosing the pins and strengthening the hook, substantially as set forth. 5th. The combination with a post of a pin passing through the post and projecting from either side, a rail hanger having hooks adapted to simultaneously engage the projecting ends of the pin, which hooks are connected with the body of the hanger by shields or covers opposite the ends of the pins, substantially as set forth. 6th. In a bedstead fastening device, the combination with a post of a headed projection and a rail or bed bottom fixture having wedged portions wedging between the head of the post projection and the side of the post, substantially as set forth. 7th. The combination of a bed post having a headed projection and a reversible side rail or frame fixture having two sets of oppositely disposed wedging parts adapted to wedge between the post and the head of the post projection, substantially as set forth.

No. 55,138. Safety Controlling Device for Automatic Air Brake retaining Valves. (*Appareil de contrôle de sûreté pour soupapes de frein atmosphérique.*)

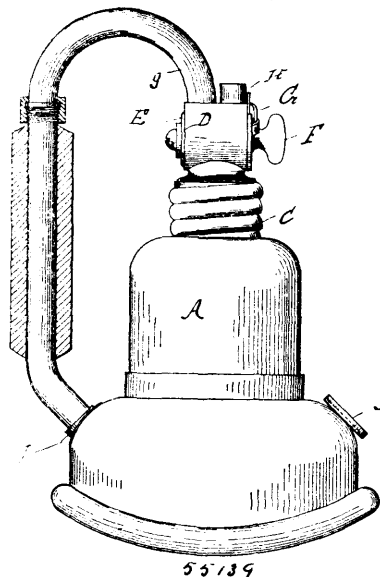


John Lee, East Toronto, Ontario, Canada. 1st March, 1897; 6 years. (Filed 10th February, 1897.)

Claim.—1st. The combination with the main reservoir, the engineer's brake valve, the pipe connecting the same, the pipe leading from the engineer's brake valve, the train pipe, the branch pipes, triple valve, auxiliary reservoirs and brake cylinder, of a retaining pipe communicating with the pipe leading from the main reservoir to the engineer's brake-valve and extending throughout the length of the train, branch pipes leading therefrom to the exhaust ports of the triple valve, exhaust opening in such branch pipe, a valve controlled by pressure from the retaining pipe so as to open or close the exhaust, and a suitable valve in the retaining pipe in the engine for allowing of a supply of air at a desired pressure to the retaining pipe, as and for the purpose specified. 2nd. The combination with the main reservoir, the engineer's brake valve, the pipe connecting the same, the pipe leading from the engineer's brake valve, the train pipe, the branch pipes, triple valve, auxiliary reservoirs and brake cylinder, of a retaining pipe communicating with the pipe leading from the main reservoir to the engineer's brake valve and extending throughout the length of the train, branch pipes leading therefrom to the exhaust ports of the triple valve, exhaust opening in such branch pipe, a valve controlled by pressure from the retaining pipe so as to open or close the exhaust, and a valve provided with a suitable handle and curvilinear passageway designed to open communication throughout the pipe, and to close the same and open communication with the forward end of the pipe and exhaust port of the valve, as and for the purpose specified. 3rd. The combination with the main reservoir, the engineer's brake valve, the pipe connecting the same, the pipe leading from the engineer's brake valve, the train pipe, the branch pipes, triple valve auxiliary reservoirs and brake cylinder, of a retaining pipe communicating with the pipe leading from the main reservoir to the engineer's brake valve and extending throughout the length of the train, branch pipes leading therefrom to the exhaust ports of the triple valve, exhaust opening in such branch pipe, a valve controlled by pressure from the retaining pipe so as to open or close the exhaust, and a valve provided with a suitable handle and curvilinear passageway designed to open communication throughout the pipe, and to close the same and open communication with the forward end of the pipe and exhaust port of the valve and a pressure gauge having a pipe communicating with the retaining pipe and designed to indicate to the engineer the desired pressure required, as and for the purpose specified. 4th. The combination with the main reservoir, the engineer's brake valve, the pipe connecting the same, the pipe leading from the engineer's brake valve, the train pipe, the branch pipe, triple valve auxiliary reservoir and brake cylinder, of a retaining pipe communicating with the pipe leading from the main reservoir to the engineer's brake valve and extending throughout the length of the train, branch pipes leading therefrom to the exhaust ports of

the triple valve, exhaust opening in such branch pipe, a valve controlled by pressure from the retaining pipe so as to open or close the exhaust, a tap between the valve and the air-retaining pipe and a suitable valve in the retaining pipe in the engine for allowing of the supply of air at a desired pressure to the retaining pipe, as and for the purpose specified.

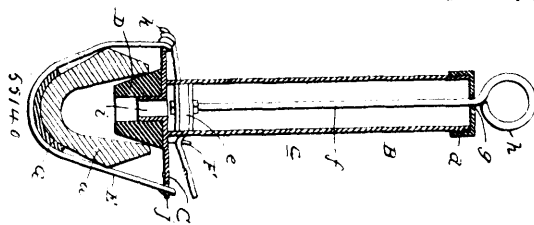
No. 55,139. Inhaler. (*Inhalateur.*)



John Knox Gailey, Detroit, Michigan, U.S.A., 1st March, 1897; 6 years. (Filed 13th January, 1897.)

Claim.—1st. A device for administering anesthetics, comprising an anesthetic vessel, a discharge pipe leading therefrom, a valved hood on the outer end of the discharge, an air-inlet port into the discharge pipe, an air inlet port into the vessel and valves for synchronously opening the air inlet port into the vessel and the vapour outlet therefrom and correspondingly closing the air port to the discharge pipe, substantially as described. 2nd. A device for administering anesthetics, comprising a vessel, a valved hood secured directly to the vessel, a supply pipe having a rigid section leading from the vessel to the hood and forming a handle, and valves for controlling the supply of anesthetics to the hood, substantially as described. 3rd. In a device for administering anesthetics, the combination with a receptacle, of an air supply pipe leading into the same, a discharge pipe leading from the receptacle and having an external inlet port at its inner end, a valved hood on the outer end of the discharge, and means for closing the discharge from the vessel and the air supply and opening the external inlet port, substantially as described.

No. 55,140. Tobacco Pipe Cleaner. (*Nettoyeur de pipe.*)



John J. Snyder, Chicago, Illinois, U.S.A., 1st March, 1897; 6 years. (Filed 18th January, 1897.)

Claim.—A tobacco pipe cleaner comprising a pump having a cylinder and a gasket at one end of the cylinder adapted to effect a water-tight connection between the cylinder and a pipe bowl, and also having a plate provided with the projection *k*, and with a clamp arranged adjacent to the cylinder and a string connected with the plate at a point opposite to the projection thereof and adapted to be passed round a pipe bowl, wrapped around the projection of the plate and interposed between the clamp and the pump cylinder, substantially as specified.

No. 55,141. Portable Conveyer. (*Transport rotatif.*)

William L. McCabe and Charles H. Anderson, both of Tacoma, Washington, U.S.A., 1st March, 1897; 6 years. (Filed 21st January, 1897.)

Claim.—1st. In a portable conveyer the combination with a suitable framework, of endless conveying belts and a vertically adjustable platform or support upon which articles to be conveyed are adapted to be placed and carried forward by said belts, substantially