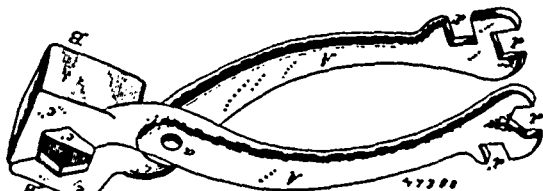


operatively connected therewith, of a presser yoke-clamp mounted for movement with said plate positively in one direction and yieldingly in the opposite direction. 14th. A neck-band clamp and a yoke-clamp mounted for simultaneous movement, means for permitting independent movement of the yoke clamp and means for adjusting the said yoke-clamp. 15th. The combination with neck-band clamps, and a cam-plate having slots and operative connections between said plate and clamps, of a yoke-clamp mounted for movement with said plate, and also yieldingly mounted for movement with relation to the said plate.

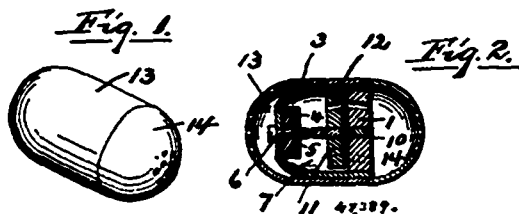
No. 47,388. Wrench. (Clé à écrou.)



Giles Arnel Hosmer, Buffalo, New York, U.S.A., 6th November, 1894; 6 years.

Claim.—1st. A wrench consisting of a pair of pivoted arms provided in front of their connecting pivot with V-shaped jaws, each having a bottom flange extending inwardly from the rear edge of the jaw and provided in its face with a three-sided recess, the recesses of the two jaw flanges facing each other, whereby said recesses form together a hexagonal opening, when the jaws are closed, while the jaws form together a rectangular socket, substantially as set forth. 2nd. A wrench consisting of a pair of pivoted arms provided in their outer or rear portions with one or more notches or recesses adapted to fit a nut and in front of their connecting pivot with V-shaped jaws arranged on one side of the plane of the arms, substantially as set forth. 3rd. A wrench consisting of a pair of pivoted arms provided in their outer or rear portions with one or more notches or recesses adapted to fit a nut and in front of their connecting pivot with V-shaped jaws, each having an inwardly extending bottom flange provided with a three-sided notch or recess, substantially as set forth.

No. 47,389. Whistle. (Siflet.)



William Ely, Providence, Rhode Island, U.S.A., 6th November, 1894; 6 years.

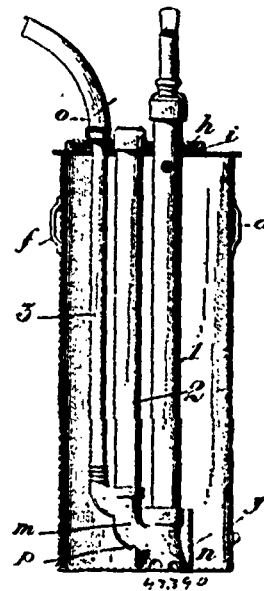
Claim.—1st. In a whistle, the combination with a casing, consisting of a main body and a minutely perforated cover of a stationary disc below the cover and having an annular series of inclined perforations, bearings located at one side of the disc and a rotatable disc mounted in bearings and having a series of annular perforations inclined in opposition to those of the fixed disc, and formed upon a circle agreeing with those of the fixed disc, substantially as specified. 2nd. In a whistle, the combination with a casing, of a disc having an annular series of perforations, and a central bearing-stud, terminating at its lower end in a conical bearing-cavity, a U-shaped bridge secured to the opposite side of the stationary disc and provided at its centre with a bearing-block having a vertical and transverse perforation, a bearing-pin or screw adjustably mounted in the vertical perforation, and provided at its upper end with a conical bearing-cavity, a binding-screw located in the transverse perforation and adapted to bear against the bearing-screw, a rotatable disc having an annular series of perforations adapted to register with those of the stationary disc, and a conical-ended stud located in the rotatable disc and bearing in the cavities, substantially as specified. 3rd. The combination, with the elliptical casing, comprising the main and cover sections, each perforated at its ends, of the disc 1 located in the upper end of the main section, the U-shaped bridge, the inclined perforations in the disc, and the rotatable disc supported below the disc 1 and provided with perforations disposed at an angle to those of the disc 1, substantially as specified.

No. 47,390. Spraying Apparatus. (Pulvérisateur.)

Philip Andrew Myers, Ashland, Ohio, U.S.A., 6th November, 1894; 6 years.

Claim.—1st. A spray pump consisting of a lower casting having an opening for the ingress of the water, a discharge pipe, a pump

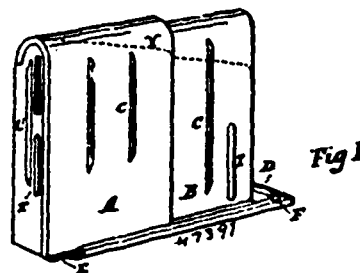
barrel secured to said casting containing a lifting piston, and an air pipe extending from said casting parallel to the pump barrel, substantially as described. 2nd. A spray pump consisting of a pump barrel, an air pipe and a discharge pipe, a casting receiving the



lower ends of said pipes, an ingress opening in the casting for the water, and a perforation in said casting below the air pipe for the discharge of a small stream to agitate, substantially as described. 3rd. A spray pump consisting of a pump barrel, an air pipe and a discharge pipe, a casting fitted to the ends of said pipes and having an ingress opening, a piston in the pump barrel, a receptacle adapted to contain the pump, and openings in the pump barrel near the upper end thereof, for the discharge of the water back into the receptacle which may pass the lifting bucket, substantially as described. 4th. A spraying device consisting of a tank, a spray pump detachably connected thereto, a disc connecting the tubes of the pump, and closing the opening through which the pump is inserted into the tank, a handle for the pump projecting above the disc, and a flexible discharge tube connected to the discharge pipe of the pump above the disc, substantially as described. 5th. In combination with the tank, a spray pump, means for holding the tank upon the back, a piston rod, a pivoted lever connected to said piston and supported at one end from the tank, and a depending handle connected to the opposite end, substantially as described. 6th. A spraying tip having a channelled plug fitting within the same, substantially as described.

No. 47,391. Magazine for Firearms.

(Magasin d'armes à feu.)



Thomas Robert Rancey Ashton, Deniliquin, New South Wales, and Edward John Kelly, Terany, Victoria, both in Australia, 6th November, 1894; 6 years.

Claim.—1st. A magazine for firearms consisting of the body A, B, and lips or flanges E E, at the base thereof, substantially as described. 2nd. A magazine for firearms, consisting of the body A, B, strengthening ribs in the sides thereof, and in the rear side, substantially as described. 3rd. In combination in a magazine for firearms, a body, open at the bottom, and a hinged door at the rear said door, being adapted when closed to resist strong rearward pressure, substantially as described. 4th. A magazine for firearms, comprising a body portion A, B, having flanges E E, and a rear door, said body having a bent over part Q, forming a recess to receive the edge of the door, and said door having a like bent over part on its outer edge to fit a flange on the body end.