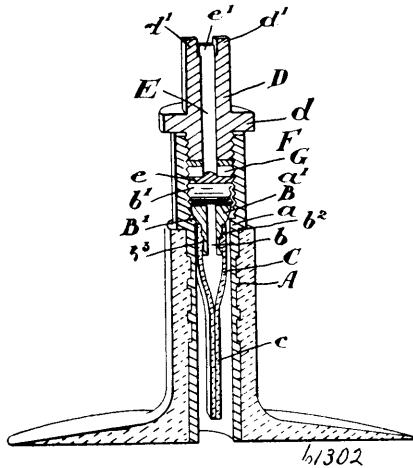


hooked to said eye, and a clip at the end of the shorter telescopic rod, said clip having an opening in the upper plate coinciding with an eye in a short rod loosely mounted up in the short telescopic rod, substantially as specified.

No. 61,302. Air Valve. (*Soupape à air.*)



James Harry Keighly McCollum, Toronto, Ontario, Canada, 5th October, 1898; 6 years. (Filed 23rd June, 1898.)

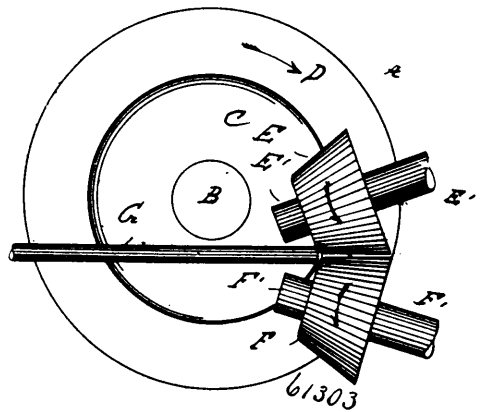
Claim.—1st. In an air valve for pneumatic tires or the like, the combination with the hollow valve stem internally threaded and provided with a shoulder intermediate of its length, a screw plug provided with a tapered intermediate portion designed to fit against the internal shoulder and a lower reduced portion having fitted thereon the flexible tubular stem provided with a flattened expandable lower end and an upper notch, all arranged as and for the purpose specified. 2nd. In an air valve for pneumatic tires or the like, the combination with the hollow valve stem internally threaded and provided with a shoulder intermediate of its length, of a screw plug provided with a tapered intermediate portion designed to fit against the internal shoulder and lower reduced portion having fitted thereon the flexible tubular stem provided with a flattened expandable lower end and an upper notch, and the cap provided with a central hole and pin extending through the hole provided with a flattened lower head and a soft washer fitting between such head and the bottom of the cap, as and for the purposes specified. 3rd. In an air valve for pneumatic tires and the like, the combination with the hollow valve stem internally threaded, of the cap provided with a screw thread, a central hole, a pin provided with a flat head and a soft washer fitting between such head and the bottom of the cap and means within the stem for compressing the soft washer so as to expand it laterally when the cap is screwed down, as and for the purposes specified. 4th. In an air valve for pneumatic tires and the like, the combination with the hollow valve stem internally threaded, of the cap provided with a screw thread, a central hole, a pin provided with a flat head, a metal washer situated next the bottom of the cap and a soft washer fitting between the metal washer and the flat head and means within the stem for compressing the soft washer, so as to expand it laterally when the cap is screwed down, as and for the purpose specified.

No. 61,303. Machine for Piercing and Rolling Metal Billets into Tubes. (*Machine pour percer et laminier les métaux.*)

John C. Sturgeon, Erie, Pennsylvania, U.S.A., 5th October, 1898; 6 years. (Filed 25th August, 1898.)

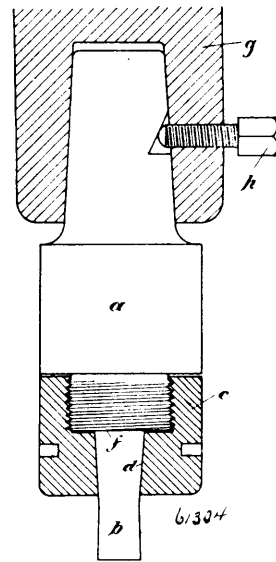
Claim.—1st. The combination in a machine for piercing and rolling metal billets into tubes, of a disc, a pair of rolls overlapping the face of said disc, and a mandrel in the axis of the passage between said disc and rolls, substantially as and for the purpose set forth. 2nd. The combination in a machine for piercing and rolling metal billets into tubes, of a disc, a pair of rolls overlapping the edge of the face of said disc, and a mandrel located in the axis of the passage between said disc and rolls at or near its narrowest point, substantially as and for the purpose set forth. 3rd. The combination in a machine for piercing and rolling metal billets into tubes, of a disc having the periphery of its face bevelled, a pair of rolls overlapping the bevelled surface of said disc, and a mandrel located in the axis of the passage between said disc and the rolls at or near the exit end of said passage, substantially as and for the purpose set forth. 4th. The combination in a machine for piercing and rolling metal billets into tubes, of a disc, a pair of conical rolls overlapping the edge of the face of said disc, and a mandrel located in the axis of the passage between said disc and rolls at or near its

narrowest point, substantially as and for the purpose set forth. 5th. The combination in a machine for piercing and rolling metal



billets into tubes, of a disc, having the periphery of its face bevelled, a pair of conical rolls overlapping the bevelled surface of said disc, and a mandrel located in the axis of the passage between said disc and rolls at or near the exit end of said passage, substantially as and for the purpose set forth.

No. 61,304. Punch for Stamps. (*Emporte-pièce.*)



Carl Pick, Gleimitz, Upper Silesia, Germany, 5th October, 1898; 6 years. (Filed 2nd September, 1898.)

Claim.—In punches for punching machines, the combination of a stem *a* screwed at its lower end, and a nut *e* with a central hole *d* adapted to receive the tapered shank of the punch *b* in the described manner and for the purpose mentioned.

No. 61,305. Velocipede Saddle. (*Selle de vélocipèdes.*)

William Isaac Bunker, La Grange, Illinois, U.S.A., 5th October, 1898; 6 years. (Filed 24th June, 1898.)

Claim.—1st. In a velocipede saddle, the combination of a supporting base, an inclosing cover and a cushion formed of rubber or similar yielding material inserted between the cover and base and provided with a series of vertical cells to permit yielding vertically and laterally, substantially as described. 2nd. In a velocipede saddle, the combination of a supporting base, an inclosing cover formed of leather or similar material, and a cushion formed of rubber or similar material interposed between the base and cover and provided with criss-cross ribs or partitions integral with each other and with a peripheral band so as to form vertical slots to permit the cushion to yield vertically and laterally, substantially as described. 3rd. In a velocipede saddle, the combination of a sup-