No. 754,539. PATENTED MAR. 15, 1904.

G. BURR.

GLOVE TURNER.

APPLICATION FILED DEC. 21, 1903.

NO MODEL.

Fig. 1.

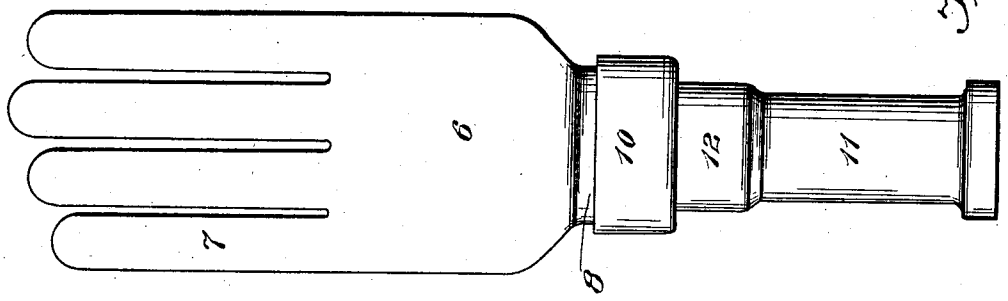
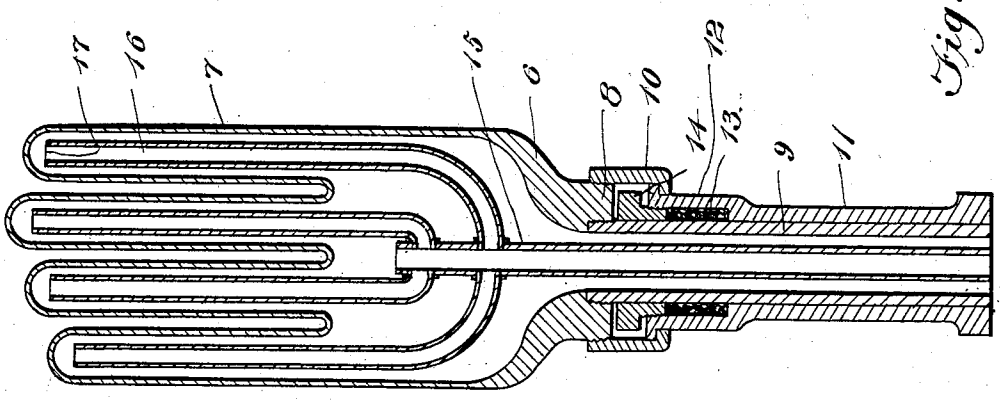


Fig. 2.



Witnesses

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No. 754,539. Patented March 15, 1904.

UNITED STATES PATENT OFFICE.

GUSTAV BURR, OF CHICAGO, ILLINOIS.

GLOVE-TURNER.

SPECIFICATION forming part of Letters Patent No. 754,539, dated March 15, 1904.

Application filed December 21, 1903. Serial No. 186,053. (No model.)

To all whom it may concern:

Be it known that I, GUSTAV BURR, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented new and useful Improvements in Glove-Turners, of which the following is a specification.

This invention relates particularly to turners used in the manufacture of gloves for drying, forming, pressing, and turning the same, and has for its object to provide an improved device of the kind characterized by a novel and improved steam circulation.

The invention also has advantages of construction designed to prevent the possibility of the hand being blown or forced out of the socket by the steam-pressure and to avoid the possibility of leak of the water of condensation.

The invention is illustrated in the accompanying drawings, in which—

Figure 1 is an elevation, and Fig. 2 is a longitudinal section, of the device.

Referring specifically to the drawings, the device comprises a hollow metal shell or hand 6, having hollow fingers 7, on which the glove is drawn before it is dried and turned. This shell terminates at the bottom in a nipple 8, which is threaded on the inside to receive the return-pipe 9 and on the outside to receive a pipe-coupling 10, whereby it is united to the top of the socket piece or tube 11, which is intended to be secured to any suitable bench or table. The socket-piece is tubular, and the return-pipe 9 telescopes therein at a close fit. Between the socket and the nipple or base of the hand a packed joint is formed. This is produced by flaring the socket 11 at the top, as shown at 12, producing an enlarged bore to receive the packing material 13. At the top this flared portion is threaded to receive the interior nut 14, which is used to jam the packing to steam-tight contact between the socket-tube and the return-pipe. The sleeve-coupling 10 is of sufficient length to leave a space between the top of the socket 11 and the bottom of the nipple 8 to contain the nut 14.

The steam-pipe 15 extends through and within the return-pipe 9 and at the top has branches 16 corresponding to the fingers, into which the branches extend and within the tips of which they have openings 17 for the escape of steam, which flows thence down through the hand and out through the return-pipe.

The use of the device is similar to an ordinary glove-turner, the glove being placed on the hand and dried by the steam heat, after which it is pressed and turned off. With the construction shown there is no danger of the hand blowing out of the socket, inasmuch as it is firmly bound thereto by the lock-nut 10. The stuffing-box produced at the top of the socket 11 prevents the escape of steam or water of condensation out through the joint. There is thus no danger of the operator being scalded by blowing out of the hand nor of the glove being spoiled by escape of steam or water.

What I claim as new, and desire to secure by Letters Patent, is—

In a glove-turner, in combination, a hollow hand, a socket-tube enlarged and threaded internally at the top, a sleeve-coupling connecting the hand and the socket-tube with a space therebetween, a return-pipe extending from the base of the hand and fitting in the socket-tube, a supply-pipe extending through the return-pipe and into the hand, packing between the enlarged portion of the socket-tube and the return-pipe, and an internal nut within the said space between the hand and the socket-tube, having a threaded portion which engages the threads in the socket-tube and binds the packing.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

GUSTAV BURR.

Witnesses:
SIGNA FELTSKOG,
H. G. BATCHELOR.