

(No Model.)

A. C. JOCHMUS & F. M. BOUGHTON.
DOOR BOLT SOCKET.

No. 526,924.

Patented Oct. 2, 1894.

Fig. 1.

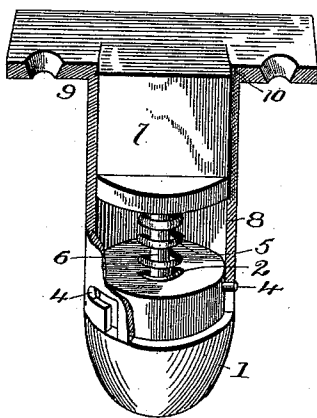
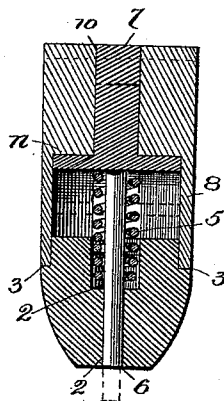


Fig. 2.



Witnesses
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UNITED STATES PATENT OFFICE.

AUGUSTUS C. JOCHMUS AND FRANK M. BOUGHTON, OF MONTEREY,
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DOOR-BOLT SOCKET.

SPECIFICATION forming part of Letters Patent No. 526,924, dated October 2, 1894.

Application filed April 5, 1894. Serial No. 506,415. (No model.)

To all whom it may concern:

Be it known that we, AUGUSTUS C. JOCHMUS and FRANK M. BOUGHTON, citizens of the United States, residing at Monterey, in the county of Monterey and State of California, have invented certain new and useful Improvements in Bottom Door-Bolt Sockets; and we do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to bottom door bolt sockets, and has for its object to provide a simple and effective means for keeping the socket clear of dirt and other material and avoiding the necessity of cleaning the same.

With these and other objects in view the invention consists of the construction and arrangement of the several parts, which will be more fully hereinafter described and claimed.

In the drawings: Figure 1 is a sectional perspective view of the improved door bolt socket. Fig. 2 is a central longitudinal section of the same.

Similar numerals of reference are employed to indicate corresponding parts in both the views.

Referring to the drawings, the numeral 1 designates a lower head or plug having a central opening extending therethrough in a vertical direction as at 2, and an upper shoulder 3 above which are diametrically disposed pins or studs 4. Within the opening 2 is secured a coiled spring 5, and inserted through the said spring and into the opening 2 is the shank 6 of a socket closing head 7, consisting of an elongated flat body with a lower flange extending outwardly on opposite sides thereof. Over the said head or plug 1 and the socket head is removably fitted a tube or cylinder 8 having lower bayonet slots to engage the said pins or studs to provide a bayonet lock. Integrally formed with the upper portion of the said tube or cylinder is a striker plate 9 of rectangular form and having therein a central rectangular opening 10,

around which the metal in the cylinder or tube is increased in thickness down to the point where a shoulder 11 is formed, and against which the opposite flanged portions of the socket head are adapted to bear to hold the rectangular body of the socket in proper position relatively to the upper surface of the striker plate, the said socket head being held in flush position by the action of the spring 5 bearing against the under side of the same. Thus it will be seen that when the device is in position the bolt socket is always closed and is prevented from becoming clogged or filled with dirt or other material and by means of the bayonet joint forming connection between the two parts, a ready mode of attachment and detachment is provided.

It will be understood that the device can be made any size which may be desired, and in view of the small number of parts employed in the make-up of the device it can be very cheaply manufactured.

Having thus described the invention, what is claimed as new is—

In a bottom door bolt socket, the combination of a lower head with a shoulder, a central vertical opening and oppositely extending pins or studs, a spring mounted in the central opening, a socket closing head engaging the said spring, and an upper striker plate through which the said socket head extends and lies flushed with the upper surface of the same, the said striker plate being formed with an integral tube or casing which surrounds the remaining portion of the device and has lower slots to engage the said pins or studs, substantially as described.

In testimony whereof we have signed this specification in the presence of two subscribing witnesses.

AUGUSTUS C. JOCHMUS.
FRANK M. BOUGHTON.

Witnesses:

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