Dec. 6, 1927. 1,651,568

M. L. WILLARD

RUBBER STAMP

Filed May 14, 1926

Fig. 1.

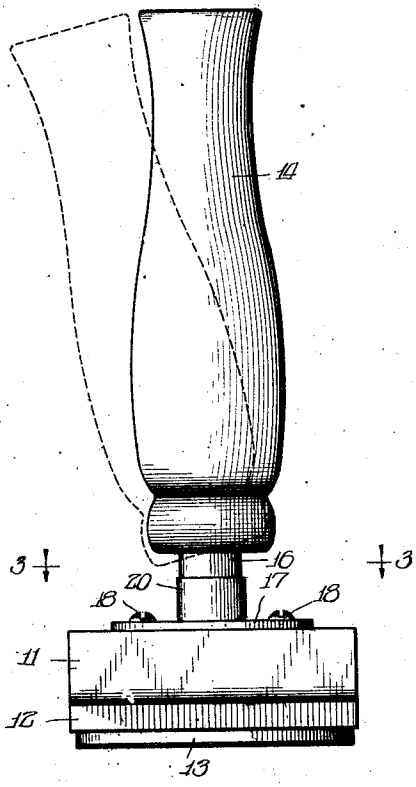


Fig. 2.

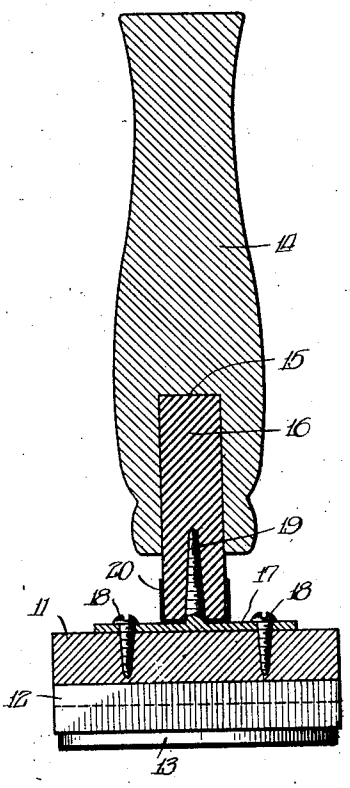
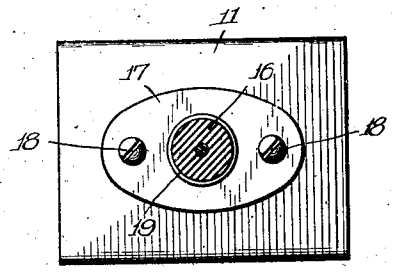


Fig. 3.



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UNITED STATES PATENT OFFICE.

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RUBBER STAMP.

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This invention relates to a new and improved rubber stamp construction, and more particularly to a construction for attaching a flexible handle to a rubber stamp base.

Rubber stamps of this character commonly comprise a wooden base to which the stamp proper is secured by means of a cushioned sub-base, and the handle is then secured to the wooden base. With the old form of wooden handles a hole is drilled in the base and a tenon on the handle is driven into the hole. For a number of purposes it is desirable to have a handle flexibly connected to the stamp. This insures a full impression from the stamp, even though the handle be not held exactly perpendicular to the surface to be stamped. The flexible handle connection, however, undergoes severe usage and it is necessary to positively and firmly secure it to the stamp base. Prior methods of accomplishing this have comprised drilling a countersunk hole through the base and fitting a screw in this hole with its point extending upwardly through the base for engagement with the handle. This screw sometimes works loose and there is the additional difficulty that if the screw-head is not countersunk exactly flush with the inner face of the base, the stamp is not properly supported, and will tend to print unevenly.

It is an object of the present invention to provide a new and improved rubber stamp handle construction and a further object to provide such a construction in which a flexible connecting member may be positively secured to a stamp base.

It is an additional object to provide a construction of this character in which the stamp base is not mutilated but contains an unbroken surface in contact with the under face of the stamp.

It is a further object to provide a construction of this character which is simple in design and adapted for commercial production.

Other and further objects will appear as the description proceeds.

I have illustrated one preferred embodiment of my invention in the accompanying drawings, in which

Figure 1 is a side elevation of the stamp with my improved handle attached thereto;

Figure 2 is a vertical section through Figure 1; and

Figure 3 is a section taken on line 3—3 of Figure 1.

The stamp comprises the base 11 which is substantially rigid and customarily formed of wood, and a sub-base or cushion 12, which is usually formed of soft rubber. The stamp proper 13 is secured to the face of the cushion 12. The handle 14 is formed of wood or any suitable composition, and is provided with a bore 15 into which is fitted a flexible connecting member 16. This member 16 may be formed of rubber composition or other material adapted to flex readily, but also adapted to transmit the force necessary to make a clear impression from the stamp. The metal plate 17 is secured to the stamp base 11 by means of the screws 18. This plate is provided with the integral, upwardly extending screw 19. This screw is threaded into the connecting member 16. The member 16 is preferably provided on its lower end with a metal ferrule. The screw 19 compresses the lower end of the member 16 against the ferrule, and thus insures a firm connection.

By this construction the base 11 remains smooth and without any perforation or screw heads extending through it, and a proper seat is thereby provided for the cushion and stamp. The metal plate 17 gives the connecting member an enlarged bearing on the base and insures an even distribution of pressure. The screw 19 being integral with the plate 17, there is no possibility of looseness developing at this point, and an efficient connection is provided.

I claim:

1. Rubber stamp construction comprising a stamp base, a handle, a flexible member connected to the handle, a metal plate rigidly secured to the upper face of the base, and an integral vertical extension on said plate extending into the flexible member.

2. Rubber stamp construction comprising a stamp base, a handle, a flexible member connected to the handle, a metal plate secured to the upper face of the base, and a threaded extension extending upwardly from

the plate and screwed into the flexible member.

3. Rubber stamp construction comprising a stamp base, a handle, a flexible member connected to the handle, a metal plate secured to the upper face of the base, a threaded extension extending upwardly from the plate, and a ferrule on the flexible member, the threaded extension being screwed into the flexible member and compressing said member against the ferrule.

Signed at Chicago, Illinois, this 5th day of May, 1926.

MAURICE L. WILLARD.