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R. L. LAMB & E. M. TILDEN.

HAND STAMP.

APPLICATION FILED JUNE 4, 1907.

Fig. 1.

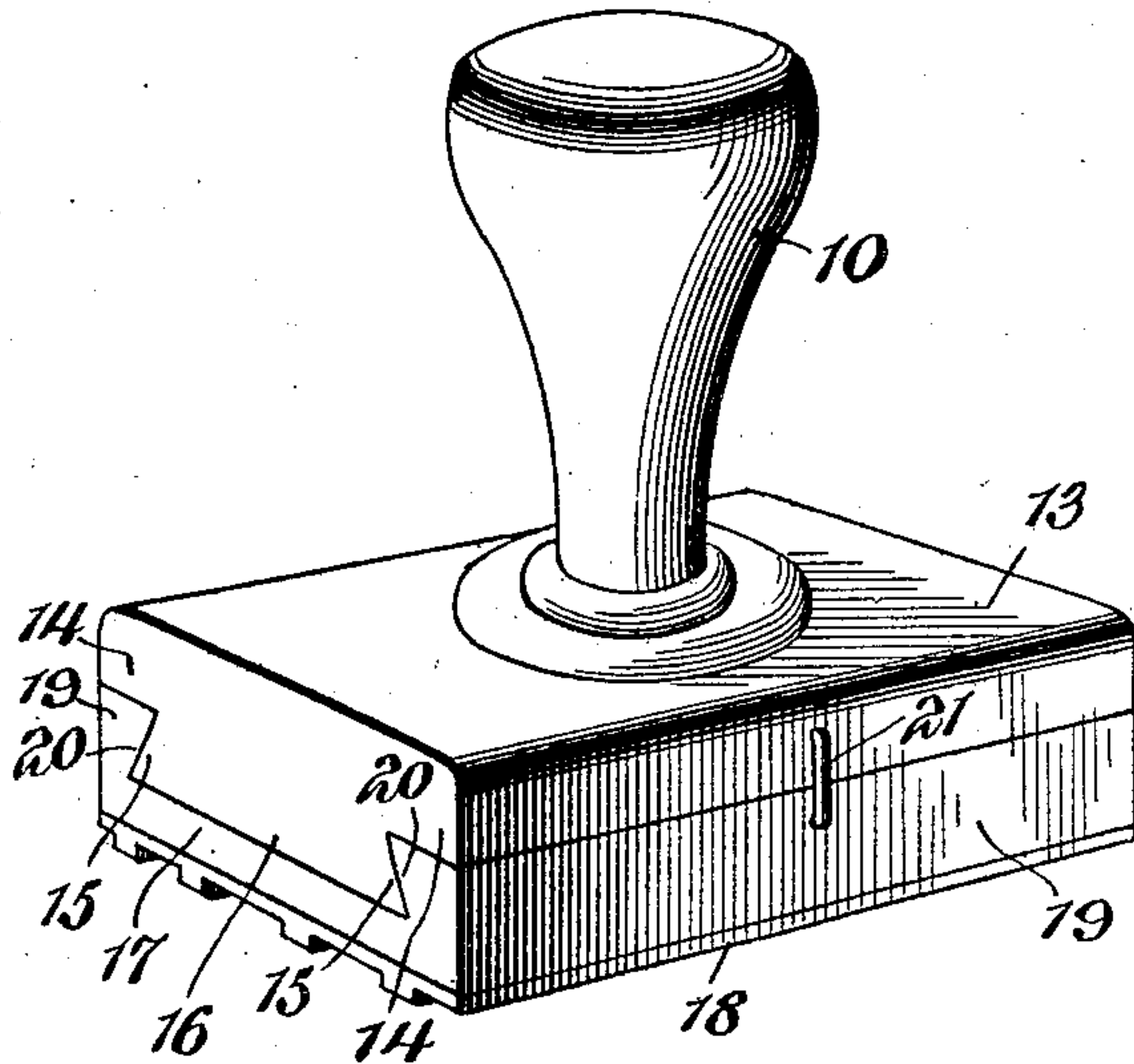


Fig. 2.

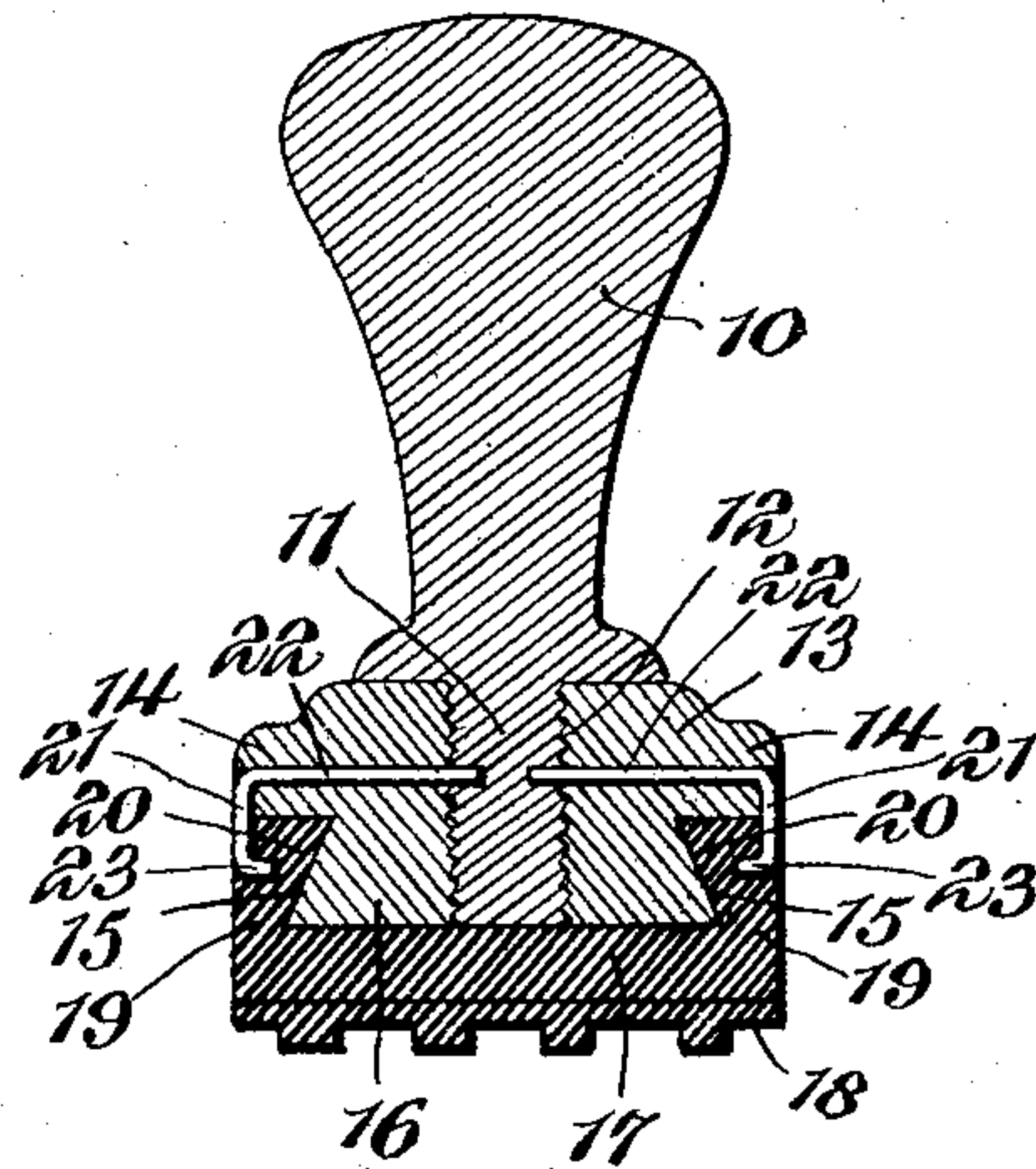


Fig. 3.

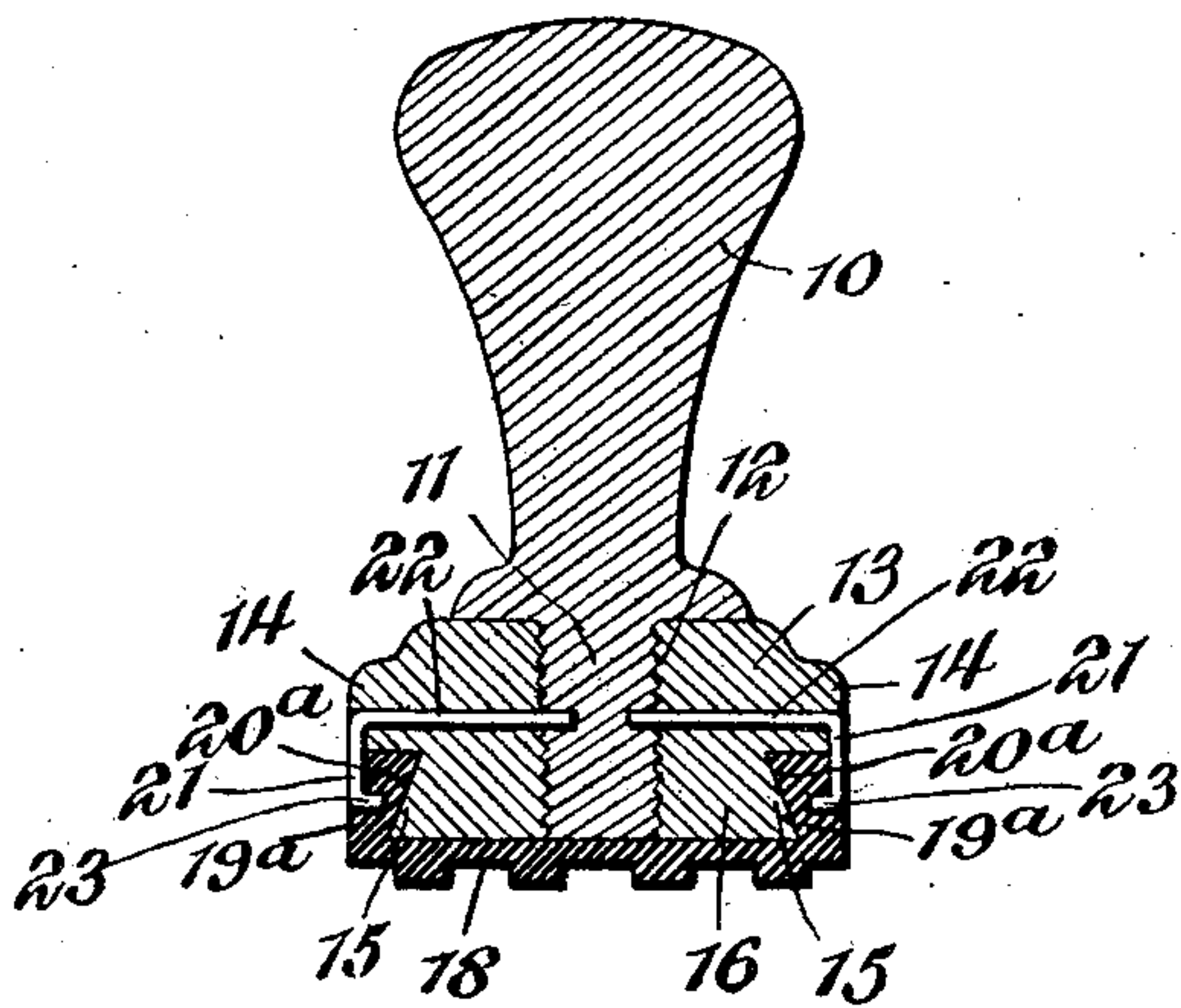
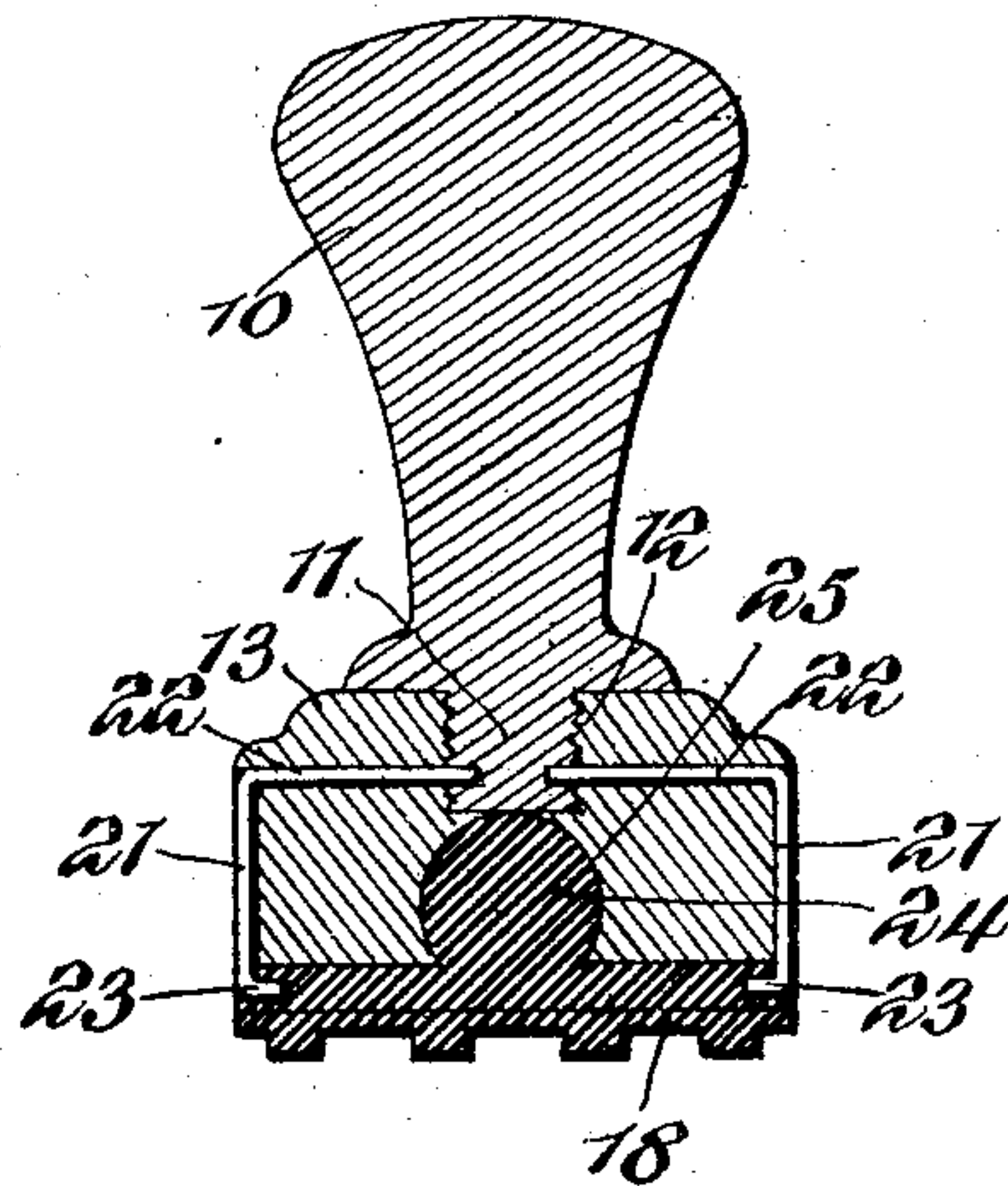


Fig. 4.



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# UNITED STATES PATENT OFFICE.

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## HAND-STAMP.

No. 880,225.

Specification of Letters Patent.

Patented Feb. 25, 1908.

Application filed June 4, 1907. Serial No. 377,257.

*To all whom it may concern:*

Be it known that we, RICHARD L. LAMB and EUGENE M. TILDEN, citizens of the United States, residing at Washington, District of Columbia, have invented certain new and useful Improvements in Hand-Stamps, of which the following is a specification.

This invention contemplates certain new and useful improvements in hand stamps and relates more particularly to that class of such stamps in which a rubber printing surface is secured to a base or carrier.

The invention has for its object the production of a hand stamp of the character referred to in which the carrier is provided with a maximum bearing surface.

A further object is to provide simple and efficient means for attaching the printing surface to the base or carrier.

A further object is to provide the base or carrier with a removable handle.

A further object is to provide means to lock the handle in position and at the same time serve as a supplemental securing means for the printing surface.

The invention will be hereinafter fully set forth and particularly pointed out in the appended claims.

In the accompanying drawings:—Figure 1 is a perspective view of a hand stamp illustrating the particular type employed in our invention. Fig. 2 is a transverse sectional view. Figs. 3 and 4 are similar views of slight modifications.

Referring to the drawings, 10 designates a handle having a threaded shank 11, which engages a correspondingly threaded opening 12 in a base or carrier 13.

It will be noted that the threaded opening 12 extends entirely through the base or carrier 13, and that the threaded shank 11 is of a length corresponding to the depth of said opening 12, so that when in position in the opening, the lower end of the shank is flush with the bearing surface of the member 13, which forms a wide, continuous bearing surface for said member 13. The side edges of said base or carrier are cut away to form horizontal shoulders 14 and outwardly inclined sides 15 of a lower extension 16. In Fig. 1 is illustrated a stamp of the cushion type—i. e., one in which a piece of sponge rubber 17 is interposed between the printing surface 18 and the base or carrier 13. In this form the cushion is provided with side flanges 19 which are under-cut, as indicated

at 20, to engage with the inclined sides of the extension 16.

In the form illustrated in Fig. 3 the cushion is dispensed with and the printing surface 18 is provided with side flanges 19<sup>a</sup> which are undercut at 20<sup>a</sup> for engagement with the inclined sides of extension 16. In practice under normal conditions this arrangement will serve to firmly unite the printing surface with the carrier, the undercut flanges being quickly snapped over the sides 15, and firmly held against accidental removal by the elasticity of the rubber. The parts can also be disengaged by bending the flanges down out of engagement with the sides. If it is desired, however, to provide additional securing means, a staple 21 having a long arm 22 passed through an opening in the base or carrier 13, and into the shank portion of the handle, thereby locking it in place, and a short arm 23, the whole impinging against the flange 19, is employed. The body of the staple fits in a groove in the base or carrier, and can be covered by shellac or other suitable material to present a neat appearance. In this form, when it is desired to remove the printing surface it is first necessary to withdraw the staple sufficiently to disengage the flange 19, and the printing surface may be removed in the manner heretofore described. If deemed expedient the short arm 23 may be extended to project all the way through the flange 19 and into the extension 16 of the base or carrier, and thus more firmly secure the printing surface to the base or carrier.

In Fig. 4 slight modification or reversal of the structures illustrated in Figs. 1 and 2 is shown, the same consisting in providing the printing surface 18 with a hump or protuberance 24 which fits in a recess 25 having a restricted entrance. This recess on account of its tapering width corresponds to the undercut recess 20 illustrated in Fig. 2.

The advantages and operation of the herein improved hand stamp will be readily apparent to those skilled in the art to which it appertains. It will be particularly noted that simple and efficient means have been produced for attaching the printing surface to the base or carrier without the use of solder and in such manner that they may be detached at will. It will also be observed that the inclined sides of the lower extension in addition to serving as a locking means provide a maximum bearing for the printing



surface. It will be further noted that a removable handle is provided for the base or carrier, and efficient means for securing the same against removal, said securing means  
 5 also aiding to prevent removal of the printing surface. It will also be observed that by providing a threaded engagement between the handle and base or carrier, the use of glue or other cements, which dry out, crack  
 10 and deteriorate, thereby becoming useless, is avoided.

Various other modifications may be resorted to in the carrying forward of the invention and it will be understood that any  
 15 changes in the form, proportion and minor details of construction may be made without departing from the spirit of the invention or sacrificing any of the advantages thereof.

What is claimed as new and patentable,  
 20 is:—

1. A hand stamp comprising a base or carrier, a handle detachably connected with said base or carrier and a resilient member provided with a printing surface and formed  
 25 with offset portions releasably sprung into engagement with the lower portion of said carrier.

2. A hand stamp comprising a base or carrier provided with a reduced portion, a  
 30 handle detachably connected with said base or carrier and a resilient member provided with a printing surface and formed with offset flanges releasably sprung over the edges of said reduced portion.

3. A hand stamp comprising a base or carrier, a handle detachably connected with said base or carrier and a resilient member provided with a printing surface and releasably secured to and held by frictional contact to said carrier.  
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4. A hand stamp comprising a base or carrier provided with a reduced portion having inclined edges, and a resilient member provided with a printing surface, said member being releasably sprung over said inclined edges.  
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5. A hand stamp comprising a base or carrier provided with a reduced portion having outwardly flared edges, and a resilient member provided with a printing surface, said member being provided with offset flanges sprung over said flared edges.  
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6. A hand stamp comprising a base or carrier, a handle detachably connected with said base or carrier and a printing surface releasably sprung into frictional locking engagement with said base or carrier.  
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7. A hand stamp comprising a base or carrier provided with a reduced portion having outwardly flared edges, and a resilient member carrying a printing surface, said member being provided with undercut flanges normally and releasably engaging said flared edges.  
 60

8. A hand stamp comprising a base or

carrier, a printing surface secured thereto, a handle removably secured to said base or carrier, and a staple having one arm engaging said handle and the other arm engaging said printing surface.  
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9. A hand stamp comprising a base or carrier, a printing surface secured thereto, a handle removably secured to said base or carrier, and a staple having one long arm engaging said handle and a short arm engaging  
 75 the surface of said printing surface.

10. A hand stamp comprising a base or carrier having a reduced portion, a member sprung over said reduced portion and provided with a printing surface, a handle removably secured to said base or carrier, and a staple having one arm engaging said handle, the other arm thereof engaging the edge of the member carrying the printing surface.  
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11. A hand stamp comprising a base or carrier having a reduced portion and having grooves in its sides, a member sprung over said reduced portion and provided with a printing surface, a handle removably secured to said base or carrier, and a staple having one arm engaging said handle, the intermediate portion thereof being seated in the grooves, and the other arm thereof engaging the edge of the member carrying the  
 85 printing surface.

12. A hand stamp comprising a base or carrier, a printing surface secured thereto, a handle removably secured to said base or carrier, and a staple embracing the sides of the said base or carrier, and having one arm engaging said handle and the other arm engaging said printing surface.  
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13. A hand stamp comprising a base or carrier provided with a widened bearing surface, a handle detachably connected with said base or carrier and a resilient member carrying a printing surface, said resilient member being provided with integral locking means for normally and releasably holding it in frictional engagement with said base member or carrier.  
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14. A hand stamp comprising a base or carrier, a printing surface secured thereto, a handle removably secured to said base or carrier, and common means for preventing lateral displacement of said printing surface and movement of said handle.  
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15. A hand stamp comprising a base or carrier, a printing surface, a handle, and common means effecting connection between the printing surface and handle and the base or carrier.  
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16. In combination with a base or carrier provided with a socket, of a handle extended into the socket, a handle retaining device carried by the base or carrier and movable into and out of engagement with the handle, and a printing surface carried by the base or carrier.  
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17. A hand stamp comprising a base or carrier and a printing surface of elastic material; said base or carrier and printing surface having cooperating portions whereby the latter may be sprung into and out of connection with the former, a handle socketed in the base or carrier, and common means effecting connection between the printing surface and handle and the base or carrier.

18. A hand stamp comprising a base or carrier, and a printing surface of elastic material; one of said elements being provided with a projection increased in size as it recedes from its element, and the other element being provided with a correspondingly-shaped receiver for said projection, whereby the printing surface may be sprung into and out of connection with the base or carrier, a handle, and common means connecting the printing surface and the handle with the base or carrier.

19. A hand stamp comprising a base or carrier, and a printing surface of elastic material; one of said elements being provided with a projection increased in size as it recedes from its element, and the other element being provided with a correspondingly-shaped receiver for said projection, whereby the printing surface may be sprung into and out of connection with the base or carrier, a handle socketed in the base or carrier, and a rectilinearly movable device socketed in the base or carrier, printing surface and handle and detachably connecting the two latter with the former.

In testimony whereof we affix our signatures in presence of two witnesses.

RICHARD L. LAMB.  
EUGENE M. TILDEN.

Witnesses:

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WM. W. DEANE.