J. F. BUCKIE.

NOISELESS STAMPING PAD.

APPLICATION FILED FEB. 21, 1910.

1,131,904. Patented Mar. 16, 1915.

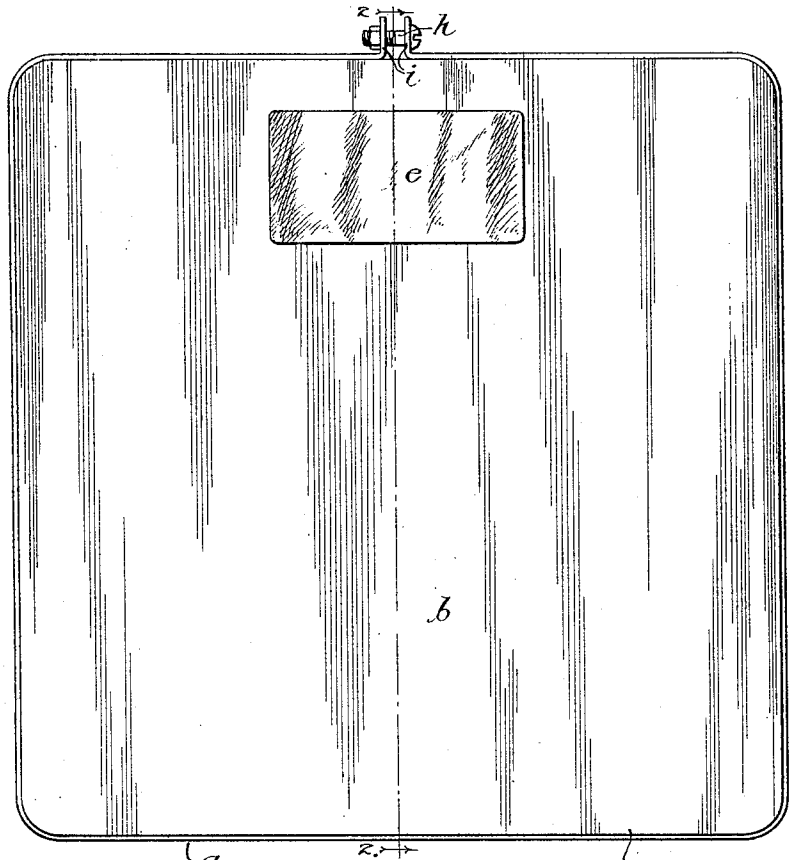


Fig. 1.

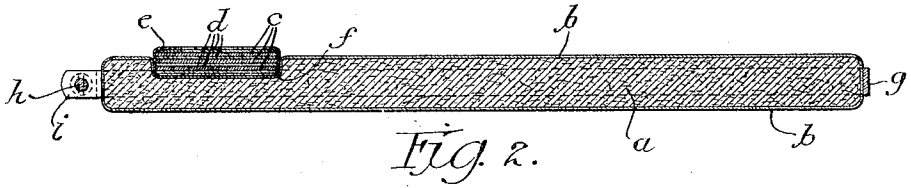


Fig. 2.

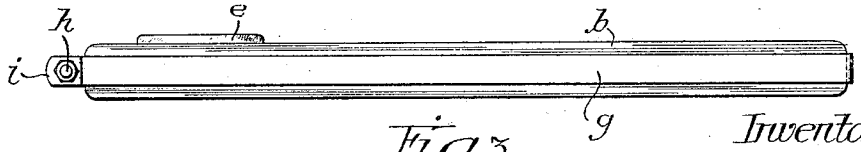


Fig. 3.

Witnesses:-
Frank W. Bruce
Louis A. Whitehead

Inventor:-
John F. Buckie
By:- Peirce & Fischer
Attys.

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UNITED STATES PATENT OFFICE.

JOHN F. BUCKIE, OF CHICAGO, ILLINOIS.

NOISELESS STAMPING-PAD.

1,131,904. Specification of Letters Patent. Patented Mar. 16, 1915.

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To all whom it may concern:

Be it known that I, JOHN F. BUCKIE, a citizen of the United States, and a resident of Chicago, Illinois, have invented certain new and useful Improvements in Noiseless Stamping-Pads, of which the following is a specification.

The invention relates to a stamping pad and seeks to provide an improved construction for receiving and absorbing the blows of rubber stamps and the like and thereby obviating the noise incident to the use of such stamps.

The exact nature of the invention is set forth in the following description and more particularly pointed out in the appended claims.

In the accompanying drawing, Figure 1 is a plan view of the improved stamping pad. Fig. 2 is a section on the line 2—2 of Fig. 1, and Fig. 3 is an edge view.

The main body *a* of the flat pad is formed of glutinous material, and preferably consists of an admixture of glue and glucose, or of glue, glycerin and glucose. Preferably also, small amounts of borax, cotton-seed or castor-oil and formaldehyde are added. The proportions by weight of the materials are substantially as follows, viz: glue, twelve parts; glycerin, nine parts; glucose, nine parts; borax, one part; cotton-seed or castor-oil, one-half part; and formaldehyde one-sixth part. These ingredients are melted, admixed and then run into a mold to form the flat body *a* of the pad which may be of any suitable size and shape and which is preferably an inch or more thick. The pad is provided with a suitable surface covering *b* of flexible, and preferably impervious or semi-impervious material, such as oil-cloth, leather or the like, which is stretched smoothly over the surface of the pad and secured thereto by the adhesive qualities of the material of which the body of the pad is formed.

At one portion of its surface, the stamping pad, in its preferred form, is provided with a recessed inking-pad. That shown, comprises alternate layers *c* and *d* of absorbent felt and blotting paper, the whole having a covering *e* of muslin. The inking pad is preferably removably arranged in a recess *f* in the surface of the stamping pad near one edge thereof.

As an aid in retaining the shape of the pad, it is preferably provided with a binding or frame, consisting, in the form shown, of a metal strip or band *g* extending about the edges of the pad and having its ends connected, for example, by means of a screw-bolt *h* extending through perforated ears *i* on the ends of the band. The body of the pad extends above and below the edges of the band or frame so that the latter will not contact with the surface of the desk or table upon which the pad is placed.

The papers to be impressed with a rubber stamp or the like are placed upon the pad, the nature of which is such that, while its surface is sufficiently rigid to effect a good impression, it will yield and deaden the blow of the stamp and eliminate all noise. The pad is somewhat flexible and yielding and will snugly engage the surface of the desk or table on which it is placed and there is no clatter of the pad upon the desk or table as the blows are struck. Nor can the band or frame *g* strike the surface of the desk or table, since the body of the pad extends below the same. The body of the stamping pad is recessed to receive the inking pad and extends below the same to deaden the blows of the stamp thereon. This arrangement eliminates the sheet-metal tray or box in which such pads are usually held and thus obviates the noise due to such holders.

While the peculiar properties of the pad are due to its composition, it should be understood that equivalent animal and vegetable glutinous materials could be employed and that the proportions are given above for guidance and could be varied if desired. The borax and formaldehyde are preservatives, and the latter and the glycerin impart stiffness to the pad and prevent it from softening under the influence of heat. The glucose renders the pad soft and yielding and the proportions of glycerin and glucose may be varied from that above given in accordance with the desired qualities of the pad. The glutinous body of the pad is, as stated, soft and somewhat viscous. These qualities render the pad well adapted to deaden the blows of stamps but also render it necessary to provide means for holding the body of the pad in shape. This is effected by the covering *b* which extends over the sides and edges of the pad and also preferably by the thin metal frame or band *g* which extends about the edges of the pad. The covering also acts to protect the body of the pad and prevents its surface from being marred or

broken and, since the covering is impervious to the viscous ingredients of the body portion of the pad, it prevents its surface from becoming sticky. The covering *b* can be applied by lining the mold in which the body *a* of the pad is formed, so that the covering adheres to one side and to the edges of the pad. The covering is then applied to the other side of the pad before the body thereof is entirely cooled and set.

I claim as my invention:—

1. A stamping pad adapted to be placed upon the surface of a desk, table or the like and comprising a flat, flexible, molded body of glutinous material, a flexible protective covering impervious to the sticky ingredients of the pad extending over and cemented to the side faces and edges thereof, and an inclosing frame formed of a thin metal strip extending around the edges of the pad, the soft, glutinous body of the pad being thicker than the width of said frame to prevent contact of said frame with the desk, table or the like whereon the pad is placed, substantially as described.

2. A stamping pad adapted to be placed upon the surface of a desk, table or the like and comprising a flat, flexible, molded body of glutinous material, a flexible covering cemented to the surface of said pad, an inclosing frame extending around the edge of said pad, the body of the pad extending below said frame, said pad having a recess in a portion of its upper face adjacent one edge, and an inking pad removably fitted in said recess, substantially as described.

JOHN F. BUCKIE.

Witnesses:
HARRY L. CLAPP,
CLARA A. NORTON.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."