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1,580,010

H. T. BUCK

SIGNATURE STAMP FOR MULTIGRAPHING MACHINES

Filed August 21, 1925

Fig. 1.

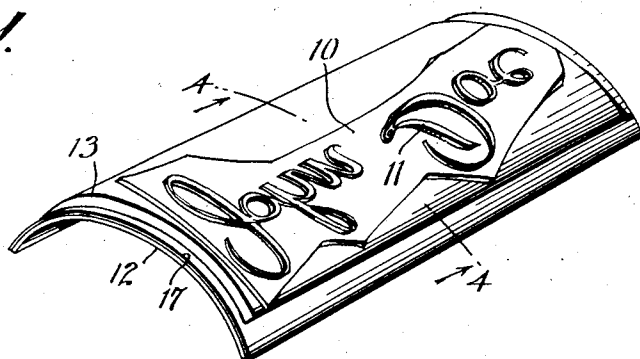


Fig. 2.

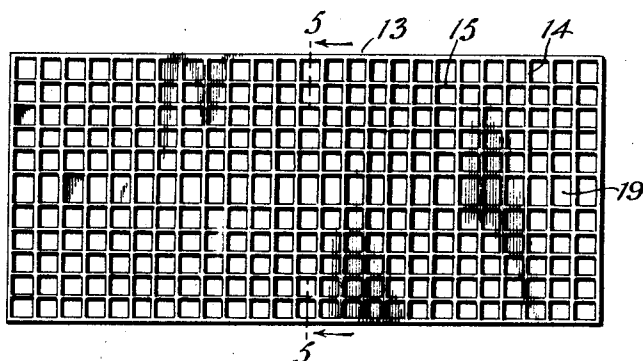


Fig. 5.

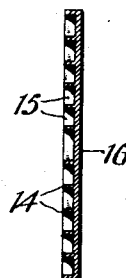


Fig. 3.

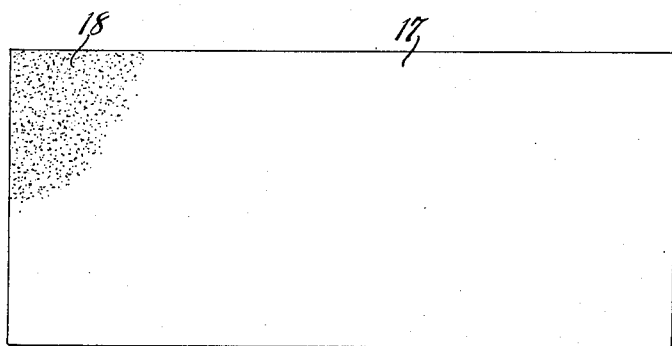
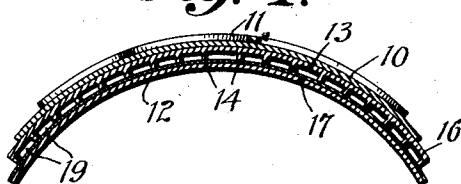


Fig. 4.



WITNESSES

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UNITED STATES PATENT OFFICE.

HOWARD TAYLOR BUCK, OF CEDAR KNOLLS, NEW JERSEY, ASSIGNOR TO T. S. BUCK MANUFACTURING COMPANY, OF NEW YORK, N. Y., A CORPORATION OF NEW YORK.

SIGNATURE STAMP FOR MULTIGRAPHING MACHINES.

Application filed August 21, 1925. Serial No. 51,646.

To all whom it may concern:

Be it known that I, HOWARD T. BUCK, a citizen of the United States, and a resident of Cedar Knolls, in the county of Morris and State of New Jersey, have invented a new and Improved Signature Stamp for Multigraphing Machines, of which the following is a full, clear, and exact description.

This invention relates to signature stamps for printing signatures on form letters, and particularly to signature stamps for use in connection with multigraphing machines, the same being in the nature of an improvement over my co-pending application, Serial No. 758,219, filed December 26, 1924.

The invention primarily comprehends a signature stamp for multigraphing machines, including a rubber die, a resilient backing plate adapted to fit and conform to the diameter of the drum or roller of the multigraphing machine, and a yieldable means interposed between the die and the backing member, whereby the signature die is conformable to the surface upon which it is printed, to insure an even and uniform reproduction thereof irrespective of irregularities.

The invention furthermore comprehends specifically in connection with a metallic backing plate and a conformable element between the die and backing plate, means for attaching the conformable element which is preferably of rubber, to said metallic backing plate.

The invention as a still further object contemplates a signature stamp for multigraphing machines, which is comparatively simple in its construction, inexpensive to manufacture, and which is highly efficient in its purpose.

With the above recited and other objects in view, reference is had to the following specification and drawings in which there is exhibited one example or embodiment of the invention which is in no way intended as a limitation upon the scope of the appended claim as it is to be clearly understood that variations and modifications which properly fall within the scope of said claim may be resorted to when found expedient.

In the drawings—

Figure 1 is a perspective view of a signature stamp constructed in accordance with the invention;

Figure 2 is a face view of the conformable member interposed between the signature die and the backing plate;

Figure 3 is a face view of the means employed for attaching said conformable member to the backing plate;

Figure 4 is an edge view of the complete signature stamp;

Figure 5 is a sectional view taken approximately on the line 5—5 of Fig. 2.

Referring to the drawings by characters of reference, 10 designates a strip of yieldable material, such as rubber or the like, upon the face of which the raised or embossed signature 11 is produced to form the die. 12 designates a backing member which is resilient and is generally of arcuate shape in cross section to fit the surface of the drums or rollers of a multigraphing machine, the said member 12 being preferably of thin spring metal. In order to permit the die or raised or embossed signature 11 to more closely conform to the surface being printed so that irregularities will be compensated for, it is preferable to interpose between the die or member 10 and the backing, which is more or less rigid when applied to the roller, a sheet of yieldable material 13, which is also preferably of rubber provided with crossed transverse and longitudinal beads or ribs 14 and 15, to the solid face 16 of which the member 10 is secured by cement or any other suitable medium. In order to provide means for attaching the free edges of the beads or ribs 14 and 15 of the elements 13 to the backing, a strip of material 17 is first secured by shellac 18 to the convex surface of the backing member 12. The strip of material 17 is preferably a fabric having a rubberized outer face which admits of the cementing of the free edges of the beads or ribs 14 and 15 thereto, so that said beads or ribs define closed pockets 19 adding to the yieldability or resiliency of the die member.

It will be obvious that due to the yieldability of the embossed or raised signature 11 and the yieldability of the element 13, the die is rendered conformable to irregularities in the surface being printed so that an even

impression or facsimile of the signature is insured when in use.

What is claimed is:

5 A signature stamp for multigraphing machines, comprising an arcuate yieldable base, a fabric covering secured to the convex face thereof and having an outer rubberized face, an elastic strip of material having crossed longitudinal and transverse beads or ribs on its inner face attached to the outer rubber- 10 ized face of the covering strip by the free edges of the beads or ribs, and a signature bearing strip of elastic material secured to the outer solid face of said ribbed strip of material.

HOWARD TAYLOR BUCK.