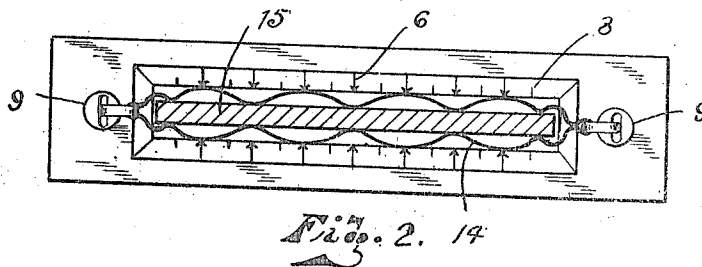
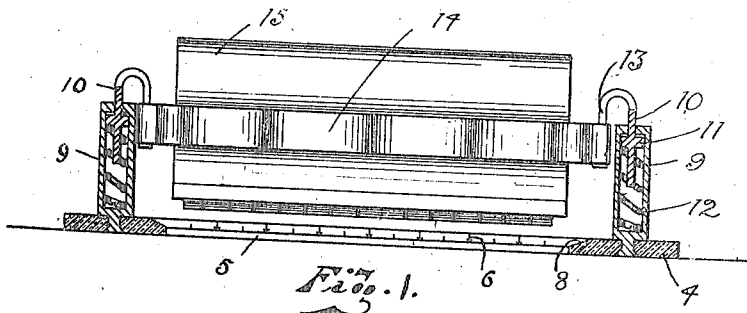


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HAND STAMP ALINING DEVICE,
APPLICATION FILED APR. 12, 1916.

1,249,417.

Patented Dec. 11, 1917.



WITNESSES:

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HAND-STAMP ALINING DEVICE.

1,249,417.

Specification of Letters Patent. Patented Dec. 11, 1917.

Application filed April 12, 1916. Serial No. 90,655.

To all whom it may concern:

Be it known that we, CHARLES J. KENNEDY and WILFRID W. BLACKSHAW, citizens of the United States, residing at Duluth, in the county of St. Louis and State of Minnesota, have invented certain new and useful Improvements in Hand-Stamp Alining Devices, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention consists of certain improvements in hand stamp alining devices and relates particularly to an improved form of base therefor.

The principal object is to provide means whereby the location of the characters to be printed may be quickly and accurately predetermined.

Another object is to provide such means with which various sized simple rubber stamps may be made to cooperate.

In the accompanying drawings forming part of this application and in which like reference characters indicate like parts:

Figure 1 is a vertical sectional view, partly in elevation, of a practical embodiment of our invention, with a hand stamp applied thereto, and,

Fig. 2 is a plan view of the device showing the hand stamp in section.

In the drawings we have illustrated one embodiment of the invention in which means are provided for removably mounting different stamps thereupon.

4 represents the base, which is preferably formed of a transparent substance such as celluloid or glass and through which ordinary markings on the object to be printed upon may be readily distinguished.

5 represents a rectangular shaped opening in the base, through which the stamp reciprocates during the printing operation and about the inclined or beveled edges 8 of which opening are placed suitable markings 6.

We prefer to have two lengths of these marks for convenience in readily predetermining any desired longitudinal position of the stamp prior to its being mounted upon the base and by which its relative position therein may be governed, also for convenience in governing the position of the base

in relation to printed matter visible there-through or through the opening 5 therein.

Upon each end of the base 4 is rigidly fixed a vertically extending cylinder 9. Through the upper end of each cylinder 9 extends a pitman 10 having formed integral therewith laterally projecting opposed shoulders 11, they being some distance from the end of the pitman which extends within the cylinder. About the end of each pitman 10 which extends within the cylinder and below the shoulders 11 is mounted a normally expansive spiral spring 12 which at one end impinges the under side of the shoulders 11 and the opposite end impinges the inner bottom of the cylinder.

By the normal action of the spring 12, the pitman 10 is maintained fully extended, that is, with the shoulders 11 impinging the upper end of the cylinder 9, the opening in the upper end of the cylinder being in the form of a diametric slot of just sufficient size to admit the pitman 10 with its integral shoulders 11 when turned at right angles to its normal assembled position.

The springs 12 are also spirally inserted through said slots prior to the pitman being introduced. Some distance above the end of the cylinder 9, each pitman 10 is bent a complete half circle upon itself, so that the outer end 13 is parallel with that portion thereof within the cylinder. Fixed to the free ends 13 of the pitman 10 in any desired manner and carried thereby, is the resilient stamp holding member 14. This member 14 is preferably formed of a double walled continuous flat piece of spring metal such as brass or the like, of substantially sinusoidal horizontal cross section, and between the walls of which is designed to be held the common wooden framed rubber stamp 15. Thus when a stamp is properly placed between the walls of the member 14, it will be normally held slightly above a plane with the lower face of the base 4. When it is desired to make an impression with the stamp, all that is necessary is to apply downward pressure thereto sufficient to overcome the opposite effect of the springs 12 within the cylinders 9, and when such pressure is removed, the stamp will assume its original position by the action of the springs.

By this arrangement various sizes of stamps may be adjusted to the supporting member and the advantages of the alining features of our improved form of base made available in connection with such common stamps.

Having thus described our invention what we claim and desire to secure by Letters Patent, is:

10 1. The combination with a transparent base plate for hand stamps having an opening therein with alining marks about said opening, of a vertically movable stamp support spanning the opening having means whereby a stamp may be removably and adjustably mounted upon the support.

20 2. The combination with a transparent base plate for hand stamps having an opening therein with alining marks about the opening, of vertically movable stamp supports fixed to the base having means whereby a stamp may be removably and adjustably mounted upon the support.

3. The combination with a transparent

base plate for hand stamps having an opening therein with alining marks about the opening, of a vertically movable stamp support, means whereby the support is held normally in its uppermost position having means whereby a stamp may be removably adjusted to the support and in alinement with the marks about the opening.

4. The combination with a transparent base plate for hand stamps having an opening therein, with alining marks about said opening, of a vertically movable stamp support spanning the opening and having means for removably holding a stamp therein for the purpose described.

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

CHARLES J. KENNEDY.
WILFRID W. BLACKSHAW.

Witnesses:

O. S. ANDRESEN,
RAE ZUROVSKY.

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