C. S. ELLIS.

DATING STAMP.

APPLICATION FILED NOV. 20, 1915.

1,219,384. **Patented Mar. 13, 1917.**

Fig. 1

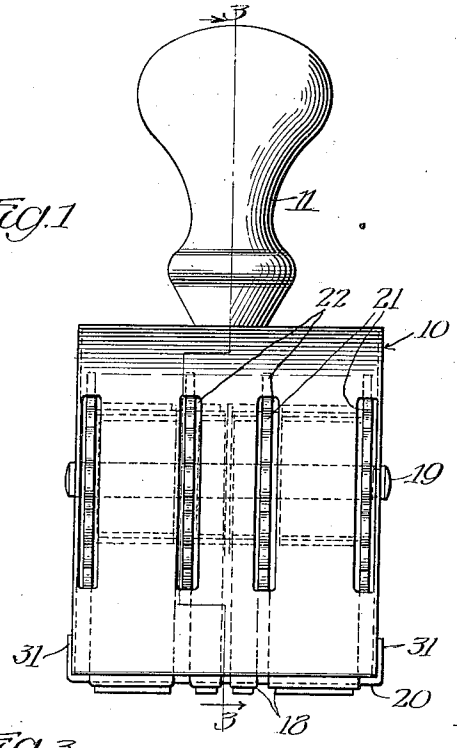


Fig. 2

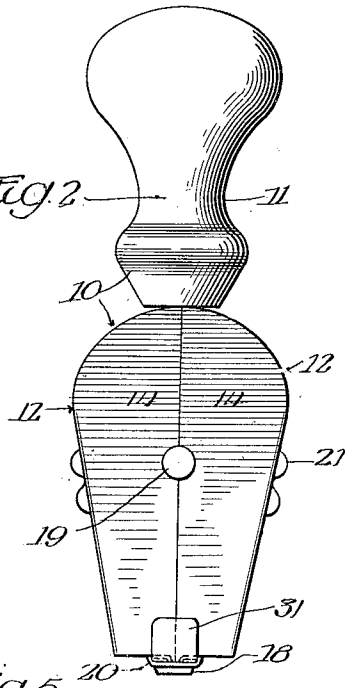


Fig. 3

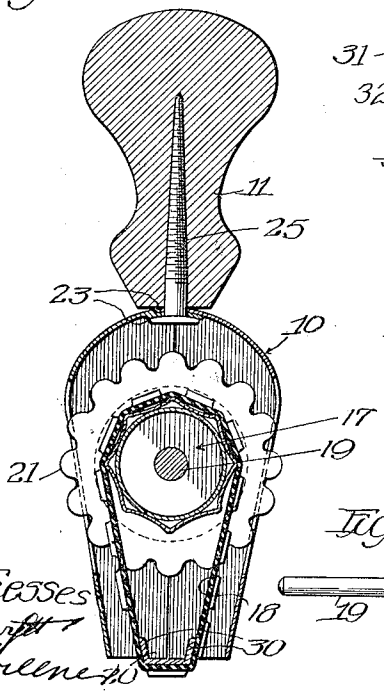


Fig. 5

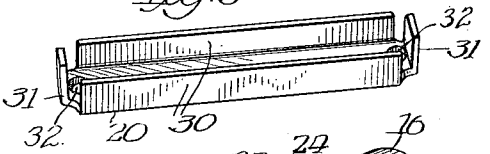


Fig. 4

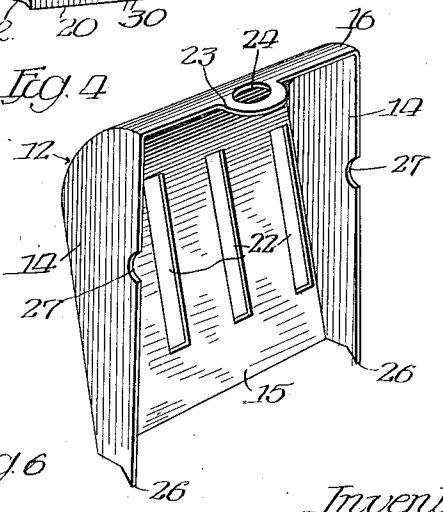


Fig. 6

Witnesses

R. Greene

Inventor

Charles S. Ellis.

By William L. Hall.

Atty.

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

CHARLES S. ELLIS, OF CHICAGO, ILLINOIS.

DATING-STAMP.

1,219,384. Specification of Letters Patent. Patented Mar. 13, 1917.

Application filed November 20, 1915. Serial No. 62,477.

To all whom it may concern:

Be it known that I, CHARLES S. ELLIS, a citizen of the United States, and a resident of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Dating-Stamps; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the characters of reference marked thereon, which form a part of this specification.

This invention relates to improvements in dating stamps, and the invention consists in the combination and arrangement of the parts shown in the drawings and described in the specification, and is pointed out in the appended claims.

Among the objects of the invention is to provide a novel dating stamp provided with a casing which incloses the printing members except at the printing line, whereby the inked printing members are prevented from coming in contact with the fingers of the operator and which also prevents the ink on the printing members being transferred to papers or other objects on which the stamp may be laid.

A further object of the invention is to provide a casing for a stamp of this general character so constructed and arranged as to afford access therethrough to adjusting devices for the printing members, whereby the type may be composed at the printing line.

A further object of the invention is to provide an improved casing or shell for dating and like stamps so constructed and arranged as to be readily assembled and interlocked in the complete stamp without the necessity of employing special fastening means.

The stamp herein shown, and constituting one embodiment of my invention, is a familiar form of band stamp and the inclosing casing is slotted for the passage of notched flanges on the band wheels, which flanges serve as means to adjust the type of the stamp.

In the drawings:—

Figure 1 is a side elevation of a stamp embodying my invention.

Fig. 2 is an end view thereof.

Fig. 3 is a cross section on the line 3—3 of Fig. 1.

Fig. 4 is a perspective view of one member of the inclosing shell or casing.

Fig. 5 is a perspective view of the bridge bar over which the type bands are trained at the printing line.

Fig. 6 is a perspective view of the band wheel supporting shaft on a reduced scale.

In the drawings 10 designates the casing and 11 the hand piece. The casing is made up of two like members 12, 12, preferably stamped from sheet metal. Each of the said members comprises end pieces 14, 14, a side piece 15 and a top piece 16, and in the assembled casing the edges of the end and top pieces abut, as shown in Fig. 2.

17 designates the type wheels over which the type bands 18 are trained, said type wheels being mounted to rotate on the usual fixed shaft 19 which extends through registering openings in the type wheels and into the end walls of the shell or casing. 20 designates the bridge piece or bar over which the type bands are trained at the printing line and which extends between and is connected at its ends to the end members of the inclosing casing. Said type wheels are provided with notched flanges 21, and the members of the shell are provided at their sides with slots 22 outwardly through which the flanges extend for engagement by the fingers of the user.

The top pieces 16 of the shell members are provided with inwardly extending lugs 23 provided with apertures 24 and which, in the assembled stamp, overlap, as shown in Fig. 3. To one of the apertured lugs 23 is attached, in any suitable manner, as by solder, a screw 25 which is screw-threaded into the hand piece 11. The end pieces of the shell members are provided at their lower ends with pointed lugs 26, 26 of generally triangular form with the straight edges of the projections in line with the inner edges of the said end pieces. The said end pieces are also provided in line with the type band wheel shaft 19 with notches 27 which register when the end pieces are brought together in abutting relation, as shown in Fig. 2, to provide openings to receive the shaft 19. The shaft 19 is provided at one of its ends with an annular notch or groove 28 which, when the shaft is in place, is interlocked with the edges of the registering recesses 27 which form an opening to receive the shaft, whereby, when the parts are assembled, said shaft is interlocked to the shell.

The bridge bar 20 is provided with the usual upstanding flanges 30 to stiffen the

same and to afford with the bridge bar smooth surfaces about which the type bands are trained. Said bridge bar is also provided at its ends with upstanding lugs 31 which fit outside of the ends of the shell or casing and is provided just inside of said lugs with apertures 32, as shown in Fig. 5.

In assembling the stamp, the screw 25, which may be an ordinary wood screw, is fitted on and soldered or otherwise fixed to one of the apertured lugs 23. Thereafter the type band wheels and type bands are assembled and the bridge bar 20 is then placed within the lower loops of the type bands and is fitted to one of the casing members with the pointed projections 26 of the shell member engaged in the apertures 32 of the bridge bar. Thereafter the apertured lug 23 of the other casing member is threaded over the screw 25 and is fitted to the companion casing member with the projections 26 thereof extending into the apertures 32 of the bridge bar, whereby the bridge bar is interlocked to the shell. Thereafter the shaft 19 is inserted through the apertured end pieces and the apertures of the band wheels with its annularly grooved end engaged with the edges surrounding the hole in one of the ends of the casing or frame. Finally the hand piece is screw-threaded down over the screw 25 which serves, in connection with the interlocking connection of the bridge bar with the shell members, to lock the parts together. The tapered edges 35 of the projections 26 serve as wedges which act against the edges of the apertures 32 of the bridge bar to force the edges of the end piece 14 of the casing into close abutting engagement, as indicated in Fig. 2.

When the parts are thus assembled the notched flanges 21 of the type band wheels are exposed through the slots 22 of the casing for engagement with the fingers, whereby the wheels and the hands may be adjusted to compose the type at the printing line.

It will thus be seen that the construction described provides means for preventing the contact of the inked type bands with the fingers or objects on which the stamp may be placed. The construction also provides a very economical means of constructing and assembling the stamp and produces a very strong and durable structure after the stamp is assembled.

It will be understood that the structural details shown in the drawings and described in the specification may be varied within the spirit and scope of the claims hereto attached, and that it is the intent to claim all of inherent novelty described in the specification and shown in the drawings.

I claim as my invention:—

1. A dating stamp comprising a three-piece frame embracing a two-part hollow shell and a bridge bar at the printing line; a hand piece; a shaft mounted in said frame; type wheels on said shaft and type bands trained about said wheels and bridge bar, the two parts of the frame shell abutting at their edges along the ends and top of the frame in the plane of the axis of the hand piece, and the frame being shaped to inclose the type bands except at the printing line.

2. In a dating stamp, type members adapted to be composed at a printing line and an inclosing frame therefor comprising two like shaped shells abutting at their edges and a bridge piece, with means to detachably interlock the shells to the bridge piece to prevent separation of the shells from each other.

3. In a hand stamp, a bridge piece provided with longitudinal and end flanges and with perforations inside said end flanges combined with hollow frame members provided with projections to lockingly engage said perforations.

4. A dating stamp comprising a two-piece supporting frame, a single bridge piece at the printing line, a shaft mounted in said frame, type wheels on said shaft, type bands trained about said wheels and the bridge piece, a hand piece, said casing being made of two like members to inclose the type bands at their tops and sides, with means to interlock them to the bridge piece to prevent separation of the members away from each other, and other means to interlock the members together at the hand piece.

5. A dating stamp comprising type band wheels, a bridge piece, type bands trained over the wheels and bridge piece, a two-part inclosing casing interlocked to the bridge piece and slotted at their sides and abutting at the ends and top of the casing, a type band wheel supporting shaft mounted in the ends of the casing, a hand piece, said casing parts being provided at the top of the casing with overlapping apertured lugs, and a screw extending through said lugs and screw-threaded to the hand piece.

6. A dating stamp comprising type band wheels, a bridge piece, type bands trained over the wheels and bridge piece, a two-part inclosing casing interlocked to the bridge piece and slotted at their sides and abutting at the ends and top of the casing, a type band wheel supporting shaft, the abutting ends of the casing parts being recessed to provide holes to receive said shaft, to one of which ends said shaft is interlocked, a hand piece and means associated with the hand piece to interlock the casing parts at the top of the frame.

7. A dating stamp comprising a two-part

inclosing shell, the parts of which are detachable from each other and abut along the ends and top of the stamp, a bridge piece provided with holes to receive interlocking parts of the shell members, a shaft mounted in the ends of the shell, wheels mounted on said shaft, type bands trained about said wheels and the bridge piece, and means at the top of the stamp to interlock the shell parts together.

8. A dating stamp comprising a two-part inclosing shell abutting at their edges, a bridge piece provided with holes to receive interlocking parts of the shell members, a shaft mounted in the ends of the shell, wheels mounted on said shaft, type bands trained about said wheels and the bridge piece, a hand piece and means for attaching the hand piece to the shell and for locking the two-part shell together.

9. A dating stamp comprising a two-piece inclosing shell, abutting at their edges, a bridge piece provided with holes to receive interlocking wedging parts of the shell members, a shaft mounted in the ends of the shell, wheels mounted on said shaft, type bands trained about said wheels and the bridge piece, means at the top of the stamp to interlock the shell parts together, the sides of the shell being slotted and notched flanges on said wheels extending through the slots of the shell.

10. A dating stamp comprising a two-part inclosing shell comprising side, top and end members abutting at the ends and top of the shell, a bridge piece extending between the end members and interlocked thereto and having upturned lugs which overlap said members, a shaft extending between said end members, wheels mounted on said shaft, type bands trained about said wheels and said bridge piece, overlapping apertured lugs at the top of the two-part shell, a hand piece, and means to interlock together said lugs and to fix the hand piece to the shell.

11. A hand stamp provided with printing members adapted to be composed at the printing line, a complete shell-like supporting frame therefor comprising two like hollow parts joined along their edges at the ends and top of the frame and which inclose the printing members except at the printing line, and a hand piece attached to and interlocking the parts of the frame.

12. A hand stamp provided with printing members adapted to be composed at a printing line, a shell-like supporting frame therefor comprising two detachable hollow parts which abut at their edges at the ends and top of the frame and inclose the printing members except at the printing line, a hand piece axially in line with the plane of the joining edges of said parts, and means for fastening the hand piece to the shell and for interlocking the shell parts together.

In testimony that I claim the foregoing as my invention I affix my signature in the presence of two witnesses, this 12th day of October A. D. 1915.

CHARLES S. ELLIS.

Witnesses:
W. L. HALL,
R. WILLNER.

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