H. MARUI.

HAND ATTACHED BLOTTER.

APPLICATION FILED NOV. 29, 1912.

1,081,053. Patented Dec. 9, 1913.

Fig 1

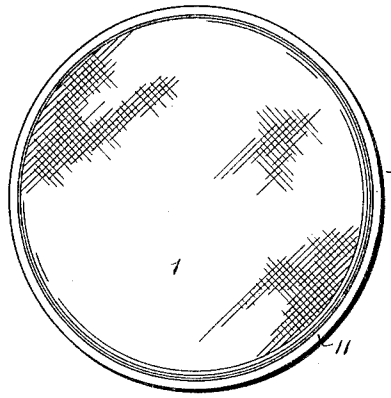
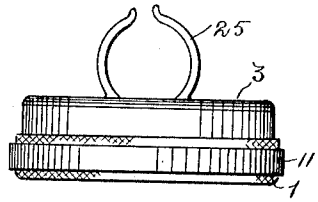


Fig 4



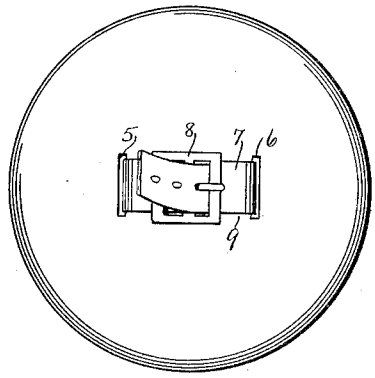


Fig 2

Fig 6

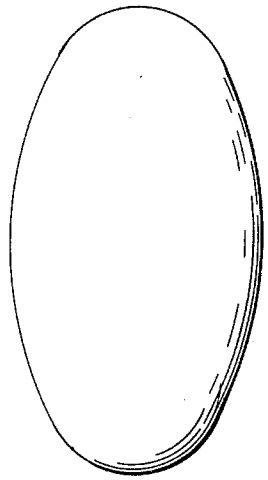


Fig 5

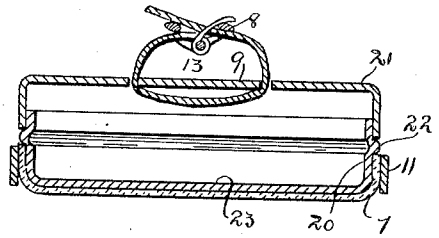
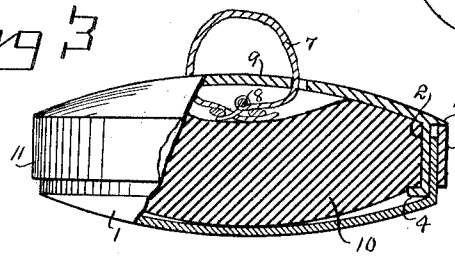


Fig 3



WITNESSES

S. E. Steritte

H. M. Raymond.

INVENTOR

Kyokichi Marui

BY

Arthur Phelps Marr

ATTORNEY

COLUMBIA PLANOGRAPH CO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

HYOKICHI MARUI, OF NEW YORK, N. Y.

HAND-ATTACHED BLOTTER.

1,081,053. Specification of Letters Patent. Patented Dec. 9, 1913.

Application filed November 29, 1912. Serial No. 734,181.

To all whom it may concern:

Be it known that I, HYOKICHI MARUI, a subject of the Emperor of Japan, and resident of the borough of Manhattan, city, county, and State of New York, have invented certain new and useful Improvements in Hand-Attached Blotters, of which the following is a specification.

The device the subject of my invention is intended to be temporarily secured to the hand of the operator either to the finger thereof or about the wrist, and although well adapted to perform all of the functions of an ordinary desk blotter it is especially adapted to serve a book-keeper when posting and when it is desirable to quickly turn from one page to another, or a secretary or any other whose duty it is to mark or sign many separate sheets that are later to be piled one on another.

From the description of the construction it will appear obvious that this device will serve any of the requirements of an ordinary hand blotter with an efficiency equal to the commoner form of blotter, and that it will serve special purposes with far greater efficiency.

The following is what I consider the best means of carrying out this invention.

The accompanying drawings form a part of this specification, in which:

Figure 1 shows a bottom plan view of my device. Fig. 2 shows in plan the top with the holding means in place. Fig. 3 is a view in elevation partly in section. Fig. 4 shows a modification of a structure. Fig. 5 shows a different construction to accomplish the desirable results. Fig. 6 shows in plan a device of a slightly different shape.

Similar reference numerals indicate like parts in all the figures where they appear.

This device is intended as an improved blotter and at 1, I have shown the blotting surface cup-shaped and fitting closely about the lower end of a box or cylindrical member 2. This box-member may be of tin, aluminum or any other desirable material and should be somewhat rigid so as to give sufficient support to the blotter. The top of the box member may be rounded as indicated at 3, and the lower end should have its edges inturned as shown at 4. Through perforations 5 and 6 in the closed top of the box or cylindrical member I pass a strap 7 provided with a buckle 8. This strap passes around a section or bridge 9 which is left in the space between the perforations 5 and 6, and the buckle may be used to temporarily secure the whole device to the finger, hand or wrist of the operator.

Within the box member I place a flexible member 10 which may be a conveniently and properly shaped piece of sponge rubber, vulcanite or any other suitable flexible and resilient material, and I secure this flexible member in position by the means of the inturned edge 4 of the box member 2.

When the resilient member is in place, I place over it and over the open lower side of the box member the cup-shaped blotter 1, and about the upturned edge of the blotter I place a ring 11, which may be a metallic or a flexible ring, causing it to pass upward from the operative face of the blotter and to impinge upon or rest closely adjacent to a flange 12 which has been formed about the upper edge of the box member 2 and encircling the closed top thereof. This ring 11 should clamp the edge of the blotter 1 upon the box member with sufficient security for ordinary use though it does furnish a convenient and easily operated means for a substitution of the blotting surface when it becomes useless or badly soiled.

As shown in Fig. 3 it will be necessary to remove the blotter and the member 10 to adjust the strap 7, and as this may be sometimes objectionable, I may arrange the strap in the manner shown in Figs. 2 and 5 allowing the buckle 8 to be exposed. This arrangement will also be preferable if the device is to be used on or about the wrist of the operator, as by this means a more ready adjustment and a more complete securing of the whole may be attained.

As shown in Fig. 5 my device may be constructed as a box having a bottom 20 and a top 21. About the bottom 20 I may form a projection 22 which will restrict the movement of the top 21 and the ring 11. If so made the member 10 will be omitted and the plate 23 formed integral with the bottom 20 will be depended upon to support the operative surface of the blotter.

As shown in Fig. 4 the box member may be permanently closed and the strap 7 omitted to be replaced by a clip 25 formed integral with or secured to the top of the box.

From the foregoing description it is believed that the operation of my device will

be obvious but I will never-the-less set it forth in detail that it may be more readily understood.

The ring 11, the blotter 1, and the member 10 being removed the length of the strap 7 is adjusted so as to fit the finger or hand which ever it is desirable that the device should be secured to. The member 10 is then replaced care being taken that it shall be held securely in the box or case by the flange or projection 4. The blotter 1 is then placed in position and the clamping ring 11 caused to encircle the blotter and the lower end of the box and to impinge against the flange 12. The finger or hand is then passed through the loop 13 of the strap 7 and the device is ready for use. When in use my device will rest on the back of the hand so that the fingers are not interfered with and to blot a freshly written line it is only necessary to turn the hand over bringing the plane surface of the blotter into close engagement with the paper, a firm pressure will cause the member 10 to be compressed so that the blotter may operate for the whole area of its exposed surface.

It is obvious that the strap 7 may be made longer or shorter than is here shown, and I may materially change the shape of the device as indicated at Fig. 6, and other modifications may be made within the scope of the appended claims without departing from the principle or sacrificing the advantages of this invention.

Having carefully and fully described my invention what I claim and desire to secure by Letters Patent is:—

1. A blotter having a hollow rigid member, a compressible member arranged in the hollow of said rigid member and a blotter secured over said compressible member for the purpose set forth.

2. A blotter having a hollow supporting member the lower end of which is open, a flange surrounding said open end, a resilient member secured within said hollow member by means of said flange, and a blotting member arranged over the open end of said hollow member for the purpose set forth.

3. A new article of manufacture comprising a metal body in box-section, a semi-flexible member across the base of said body, a blotter cupped and adapted to be secured over said semi-flexible member, a ring for securing said blotter in operable position while allowing it to be readily removed and another substituted and an adjustable strap for securing the whole to the hand or wrist of the operator all combined for joint operation and for the purpose set forth.

Signed at New York city, in the county of New York and State of New York this 23rd day of November, 1912.

HYOKICHI MARUI.

Witnesses:
G. E. STERRITTE,
ARTHUR PHELPS MARR.

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