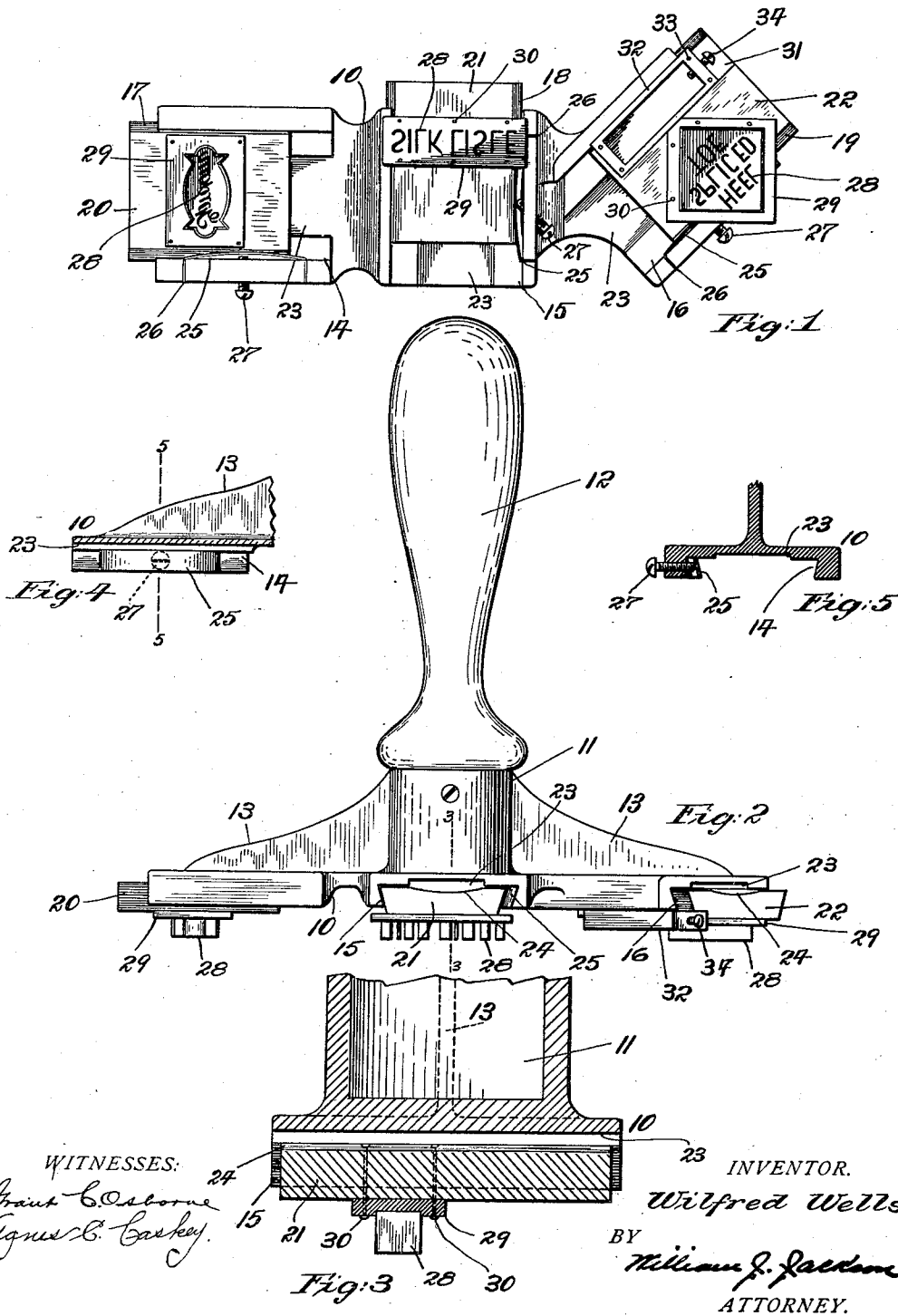


W. WELLS.
IMPRESSION STAMP.
APPLICATION FILED JULY 12, 1912.

1,060,521.

Patented Apr. 29, 1913.



WITNESSES:
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UNITED STATES PATENT OFFICE.

WILFRED WELLS, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR TO ELIZABETH WELLS, TRADING AS THE WELLS STAMP CO., A FIRM DOMICILED IN PHILADELPHIA, PENNSYLVANIA.

IMPRESSION-STAMP.

1,060,521.

Specification of Letters Patent.

Patented Apr. 29, 1913.

Application filed July 12, 1912. Serial No. 709,057.

To all whom it may concern:

Be it known that I, WILFRED WELLS, a citizen of the United States, residing at Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented a certain new and useful Improved Impression-Stamp, of which the following is a specification.

This invention relates to impression stamps employed for printing upon knit goods and textile fabrics, particularly underwear and hosiery and relates more specifically to improvements upon the stamp patented to me under date of January 7, 1896, and numbered 552,800.

The principal object of the present invention may be said to reside in the providing of an impression stamp, which is compact, durable, efficient and comparatively inexpensive to manufacture, the parts of which are adjustably related to one another, so that one stamp may be utilized for use upon articles varying in size.

Other objects reside in the providing of general details of construction and arrangement of parts as are hereinafter set forth.

With these and other objects in view, the invention consists of the improvements hereinafter described and finally claimed.

The nature, characteristic features and scope of the invention will be more fully understood from the following description taken in connection with the accompanying drawings forming part hereof and in which:

Figure 1, is a view of the underside of the impression stamp embodying the invention, Fig. 2, is a view in front elevation of the impression stamp embodying the invention, Fig. 3, is a fragmentary view in section, taken upon the line 3—3 of Fig. 2, but drawn to an enlarged scale, Fig. 4, is a fragmentary view, partly sectioned, illustrating a detail of construction, and Fig. 5, is a view in section taken upon the line 5—5 of Fig. 4.

The present impression stamp is of metal construction throughout and generally speaking comprises an elongated holder, the under face of which is arranged and constructed to accommodate adjustable letter or character carrying elements disposed at various angles to one another, the several elements being equipped with adjusting devices for retaining the parts in shifted position. The above holder is primarily designed for

use in connection with letters or characters formed of strips of phosphor-bronze having cast thereto a backing of Babbitt metal, such as set forth in my above-mentioned patent.

Referring now to the drawings, there is illustrated a physical embodiment of the invention, constructed in a manner best known to me at this time for practicing the invention.

For the sake of illustration, an impression stamp has been shown which is designed for the printing or marking of hosiery, although, obviously, the invention is applicable to other uses. As shown the impression stamp comprises a holder 10, preferably of aluminum on account of its lightness, constituting an elongated plate, the top face of which is provided with an upwardly extending portion forming a socket 11, for the reception of a handle 12. In order to provide strength and rigidity to the holder, ribs 13, connect the walls of the socket 11, and the top of the holder 10, the parts being preferably formed integral with one another. The under face of the holder 10, is provided with a series of mortised portions 14, 15, and 16, which mortised portions receive the corresponding tenons 17, 18, and 19, of a series of shiftable letter or character carrying elements 20, 21, and 22, preferably made of aluminum. Thus, the elements 20, 21, and 22, have dove-tailed relation with the holder 10, and while being relatively interlocked with respect to the holder, are capable of being shifted with respect thereto and removal therefrom, if desired.

As clearly shown in Fig. 1, the elements 20, 21, and 22, are arranged at various angles with respect to one another. This is so that the holder may be utilized for the marking of hosiery and in this connection, it may be stated that the element 22, agrees with the heel portion, the element 21, with the sole portion and the element 20, with the toe portion of a sock or stocking. The underside of the holder 10, is cut-away as at 23, and the top of the elements 20, 21, and 22, are cut-away as at 24, see Fig. 2, in order that friction be reduced between the parts and so that at the same time the cost of machine finishing the holder be reduced. The holder 10, is provided adjacent the mortised portions 14, 15, and 16, with flat spring-like members 25, see Figs. 1, 4, and 5.

These members 25, are retained in vertical position by incising the walls of the holder 10, as at 26, and fitting the respective ends of each member 25, therein. A set screw 5 27, is present for cooperating with each spring-like member 25, which screws are adapted to bear against said members 25, and cause the latter to abut against the elements 20, 21, and 22, and retain them 10 in adjusted positions. Thus, by slightly turning the screws 27, the released elements may be readily shifted to assume various positions. This is important, in that sizes of socks or stockings differ, and 15 that the heel, sole and toe parts must be accurately marked. The spring-like members 25, serve two purposes, first, the members 25, being resilient, permit of the letter or character carrying elements being easily 20 shifted with respect to the holder 10, without binding when the screws 27, are loosened and second, the elements being constructed of aluminum, which is soft metal, the screws 27, are prevented from penetrating the 25 tenons of said elements by said member 25. In practice, the spring-like members are made of a hard metal, preferably phosphor-bronze. The elements 20, 21, and 22, carry 30 letters or characters formed of strips of phosphor-bronze, the same being designated 28. These strips of phosphor-bronze have cast thereto a backing of Babbitt metal 29. The backings 29, in turn are secured by 35 means of pins or the like 30, to the underside of the elements 20, 21, and 22. Thus, if de-

sired, the backings may be readily removed and other backings including their complementary letters or characters substituted therefor. Obviously, if desired an entire element including a backing and its complementary letters or characters may be removed from the holder and a substitution 40 made therefor. As shown at the right-hand side of Fig. 1, the element 22, is cut-away as at 31, and a letter or character receiving 45 frame fitted thereto and secured by means of pins or the like 33, a set screw 34, being present for securing the letters or characters to place. The frame 32, may be used when it is desired to give the stock being 50 printed a style number or other like mark.

What I claim is:

An impression stamp of metal construction comprising an elongated holder the 55 under face of which is mortised for the reception of letter or character carrying elements, a series of letter or character carrying elements having tenons slidably mounted 60 in the mortised portions of said holder, flat spring-like members fitted vertically to the mortised portions of said holder and a set screw for cooperating with each of 65 said members for retaining said elements in shifted position.

In testimony whereof, I have hereunto 65 signed my name in the presence of:

WILFRED WELLS.

Witnesses:

AGNES E. CASKEY,
WILLIAM J. JACKSON.

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