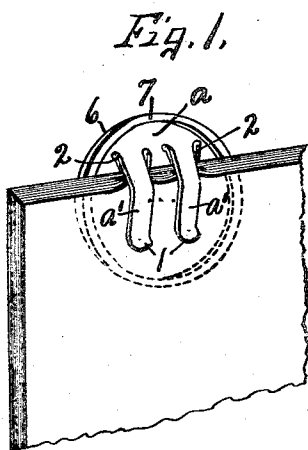
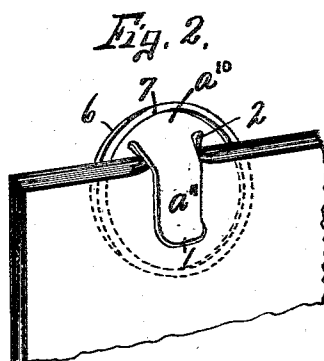
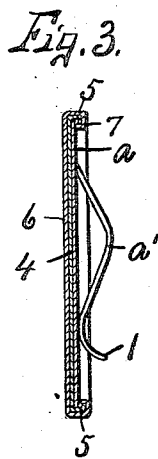
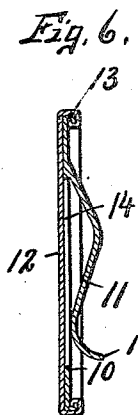
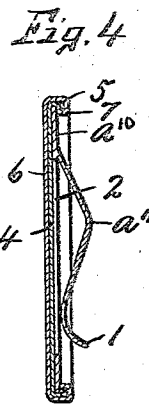
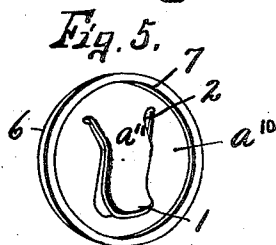


No. 812,800.

PATENTED FEB. 13, 1906.

J. McLEAN.
PAPER CLIP.

APPLICATION FILED FEB. 18, 1905.



WITNESSES:

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PAPER-CLIP.

No. 812,800.

Specification of Letters Patent.

Patented Feb. 13, 1906.

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To all whom it may concern:

Be it known that I, JOHN McLEAN, of Newark, in the county of Essex, in the State of New Jersey, have invented new and useful Improvements in Paper-Clips, of which the following, taken in connection with the accompanying drawings, is a full, clear, and exact description.

This invention relates to improvements in paper-clips as a new article of manufacture, and is particularly adapted for use as an advertising novelty.

My object is to provide a paper-clip having upon one side a spring-tongue adapted to clasp a paper or papers, while its other side is adapted to receive printed or other advertising matter.

This invention comprises, essentially, a metal plate or disk having a portion thereof cut and bent into the form of a clasp or tongue and provided with a celluloid or equivalent material which is adapted to receive an emblem, print, or advertising matter.

In the drawings, Figures 1 and 2 are perspective views of my improved paper-clip shown as claspings the edges of a series of papers, Fig. 1 showing a pair of tongue-clasps and Fig. 2 showing a single spring-clasp. Figs. 3 and 4 are enlarged sectional views of the device seen in Figs. 1 and 2, respectively. Fig. 5 is a perspective view of the paper-clip seen in Figs. 2 and 4. Fig. 6 is a sectional view similar to Figs. 3 and 4, showing a slightly-modified form of my clip in which the celluloid face is applied directly to the metal disk from which the spring-tongue is formed.

a represents a circular metal disk having two tongues *a'*, which are cut from the main body of the disk *a*, leaving one end united to said main body, while the other end is free to spring outwardly.

The central portion of each tongue is arched or bent rearwardly, so as to stand out some distance from the main body, while the free end of each tongue normally lies in close proximity to the main body and is curved outwardly at 1 to enable the paper to be readily inserted between the tongue and adjacent face of the disk, or in some instances I may use a similar circular disk *a*¹⁰, having a single tongue *a*¹¹, as shown in Fig. 2, in which case the single tongue would be formed in the same manner as that described for the tongue seen in Fig. 1.

The disk *a* and its tongues *a'* are made of

thin spring metal, the tongue being formed from the main body of the disk, and therefore leaves one or more openings 2 through the disk, according to the number of tongues 60 which may be employed.

In the structures seen in Figs. 1 to 5, inclusive, each metal disk *a* and *a*¹⁰ is fitted with a cup-shape metal disk 4, having a marginal flange 5, inclosing their respective disks *a* and *a*¹⁰, and upon the outer face of the cup-shape disk 4 is applied a facing 6, of celluloid or equivalent material, which is adapted to receive printed matter. This disk 6 is preferably circular and its marginal edge is crimped 70 or overturned upon and within the flange 5 at the back of the disk *a* or *a*¹⁰, so that the marginal edges of this disk *a* or *a*¹⁰ are impinged between the overturned edge, as 7, of the celluloid disk 6 and main body of the metal disk 4, which serves to lock all of the parts together.

In Fig. 6 I have shown a simplified construction of paper-clip consisting of a cup-shape disk 10 of thin spring metal having a portion thereof cut and pressed from the main body to form a spring-tongue 11, similar to the spring-tongues *a'*. In this instance the celluloid disk, as 12, is applied directly to the flat face of the metal disk 10 and its marginal edges are bent back upon and within a marginal flange 13 of the disk 10, thereby locking the two disks 10 and 12 together.

It is evident that in the construction seen in Fig. 6 the opening 14; which is formed by stamping out the tongue 11 from the disk 10, leaves the underlying parts of the celluloid disk 12 exposed to contact with the paper which may be impinged between the tongue 11 and disk 10, which on account of the flexibility of the celluloid disk 12 would cause the latter to bulge outwardly, and I therefore introduce the metal disk 4, (seen in Figs. 1 to 5, inclusive,) so as to protect the thin celluloid covering 6.

The main feature of my invention consists in providing a circular disk with a spring-tongue which is stamped from a portion of the disk and adapted to clasp the paper between the tongue and main body of the disk.

Although I have described this device as a paper-clip, it is clearly evident that it may be used as an advertising or campaign button, in which case the spring clip or tongue could be inserted through the buttonhole of the garment and clasped upon the fabric surrounding the buttonhole.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is—

1. A paper-clip comprising a disk having a marginal flange projecting from one side, and a tongue attached at one end to the disk within said flange, portions of the tongue projecting beyond the flanged side of the disk.
2. A paper-clasp comprising a circular disk having a marginal flange projecting from one side and a tongue projecting from the same side within the flange and free at the end.
3. A paper-clasp comprising a circular metal disk having an opening therethrough, a second disk united to the margin and covering one side of the first-named disk and its opening, and a tongue united to the first-named disk at one end of the opening and projecting from the opposite or back side of the first-named disk.
4. A paper-clasp comprising a metal disk having a marginal flange projecting from one side, and a tongue projecting from the same side as the flange, said tongue being stamped from the portion of the disk within the flange

and forming an opening, and a celluloid or equivalent disk at the opposite side of the first-named disk and having its marginal edges united to said flange.

5. A clasp of the character described, consisting of a thin circular disk of spring metal having a portion thereof cut and pressed beyond one of its opposite faces for forming a spring-tongue which is free at one end and united at its opposite end to the main body of the disk, a second disk applied to the opposite face of the spring-metal disk and covering the opening formed by the stamping out of the tongue, and a third disk of celluloid or equivalent material applied to the outer face of the second disk and having its marginal edge crimped or turned over the marginal edges of said second-named disk and against the rear face of the spring-metal disk.

In witness whereof I have hereunto set my hand this 7th day of February, 1905.

JOHN McLEAN.

Witnesses:

HENRY KEIPER,
H. W. HATHAWAY.