(No Model.)

S. WALES.

BLOTTING PAD.

No. 352,170. Patented Nov. 9, 1886.

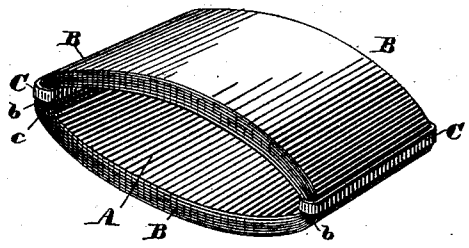


Fig. 1.

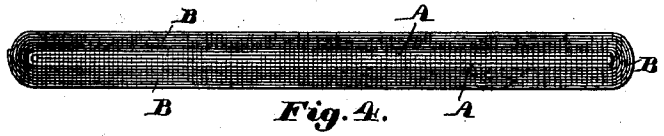


Fig. 4.

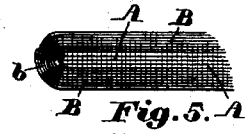


Fig. 5.

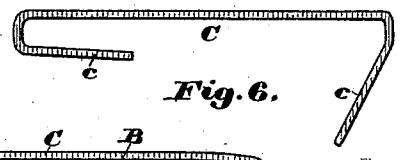


Fig. 6.

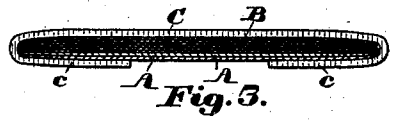


Fig. 3.

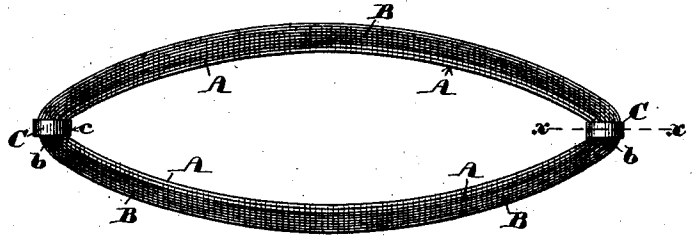


Fig. 2.

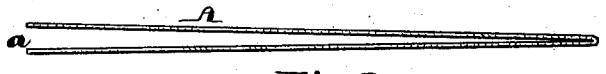


Fig. 7.

Witnesses:

Walter E. Lombard.

Mellen Gray

Inventor;
Sigourney Wales,
by N. C. Lombard
Attorney.

N. PETERS, Photo-Lithographer, Washington, D. C.

UNITED STATES PATENT OFFICE.

SIGOURNEY WALES, OF CAMBRIDGE, MASSACHUSETTS, ASSIGNOR, BY MESNE ASSIGNMENTS, TO HARRIOT H. WALES, OF SAME PLACE.

BLOTTING-PAD.

SPECIFICATION forming part of Letters Patent No. 352,170, dated November 9, 1886.

Application filed April 5, 1886. Serial No. 197,802. (No model.)

To all whom it may concern:

Be it known that I, SIGOURNEY WALES, of Cambridge, in the county of Middlesex and State of Massachusetts, have invented certain new and useful Improvements in Blotting-Pads, of which the following, taken in connection with the accompanying drawings, is a specification.

My invention relates to that class of blotting-pads, known as "spring" blotting-pads; and it consists in certain novel features of construction, arrangement, and combination of parts by which a simple and effective spring-pad may be readily produced at a slight cost, all as will be fully understood by reference to the description of the drawings, and to the claims, to be hereinafter given.

Of the drawings, Figure 1 represents a perspective view of my improved blotting-pad. Fig. 2 represents a side elevation of the same. Fig. 3 represents a section through one end of the same, the cutting-plane being on line *x x* on Fig. 2. Fig. 4 represents a side elevation of the same before the end clamping-bands have been applied thereto, and before the notches therefor have been made. Fig. 5 represents a similar view of one end of the same, showing the notch to receive the end clamping-band. Fig. 6 represents an elevation of the clamping-band before it has been clamped upon the blotter, and Fig. 7 represents an elevation of one of the folded plates or sheets from which the inner core of the blotter is formed.

In the drawings, A A represent two sheets or plates of leather-board, card-boad, metal, or other desirable material, folded as shown in Fig. 7, one of which folded plates is slightly shorter than the other, and is placed between the sides of the second plate, with its open end contiguous to the closed end of said other plate, all as shown in Fig. 4. This is a most convenient way of forming the core of the blotter when leather or card board is used for that purpose; but when it is desired to use a core formed of metal a single-folded plate of brass or similar metal may be used by soldering its sides together at the open end *a*. Around this core A A is wrapped a continuous sheet of blotting-paper, B, of a sufficient length to provide said core with a number of layers of blotting-paper on either side thereof, all as shown in Fig. 4.

The blank A A, of which the core of the blotter is formed, and the sheet of blotting-paper B, wrapped thereon, may be made of such a width as to form a single blotter; or they may be made of a sufficient width to make a number of blotters, in which case the strip will be cut into the desired number of blotters by suitable shears as soon as the blotting-paper has been wrapped about its core, at which time said blotters are in a perfectly flat state, as shown in Fig. 4.

When the blotter has been cut to the desired width, each end thereof is provided on either side with a suitable notch, *b*, to receive the flat clamping-band C, which is placed upon either end of the blotter, which is sprung open to allow the ends *c c* to enter between the folded plates A A, and when in this position the ends of the folded plates A A and the layers of blotting-paper B outside thereof are firmly clamped together, causing the core A A and the blotting-paper B, wound thereabout, to assume an elliptical form, which it retains as long as the ends of the blotter are clamped by the bands C.

The shape and elasticity of the pad may be varied by clamping the band C more or less, or by varying the width of said band.

The object of the notches *b* is to retain the bands C in their positions at the end of the pad, and to prevent the ends of said bands C from projecting beyond the edges of the blotting-paper.

The sheets of blotting-paper B, before being wound upon the core A A, have printed thereon a series of advertisements, which, when said blotting-paper is wrapped around the core A A, will be exposed to view on either side of said blotter, as shown in Fig. 1. When the outer layer of said blotting paper becomes unserviceable, it is torn off and the next layer is ready for use, and the advertisement thereon is exposed to view, the clamping-bands C C having sufficient hold upon the layers remaining to keep them in position until the last piece of blotting-paper is removed from the core.

It is plainly obvious from the foregoing description that this blotter may be produced at a comparatively small expense, and thereby meets the want for a cheap spring-blotting pad, while for an advertising medium it is admirably adapted.

Instead of having advertisements printed upon the surface of the blotting-paper, it is obvious that calendars, tables of weights, postal laws, and other printed matter may be used without altering the principles of my invention.

What I claim as new, and desire to secure by Letters Patent of the United States, is—

1. A blotting-pad consisting of an inner core of two thicknesses of flexible material of suitable stiffness, connected together at either end, a continuous sheet of blotting-paper wound around said core, and two clamping-bands firmly securing said blotting-paper to said inner core at either end thereof and causing said core and the blotting-paper around it to assume an oval or substantially an oval form.

2. A blotting-pad consisting of an inner core made of two plates of flexible material of suitable stiffness, each folded upon itself and one inserted between the sides of the other with its open end contiguous to the closed end of that one, a continuous sheet of blotting-paper wound around said core, and two clamping-bands firmly securing said blotting-paper to said inner core at either end thereof and causing said core and the blotting-paper around it to assume substantially an oval form.

In testimony whereof I have signed my name to this specification, in the presence of two subscribing witnesses on this 3d day of April, A. D. 1886.

SIGOURNEY WALES.

Witnesses:

N. C. LOMBARD,

WALTER E. LOMBARD.