

(No Model.)

L. B. PRAHAR.
SAFETY INKSTAND.

No. 376,964.

Patented Jan. 24, 1888.

Fig. 1.

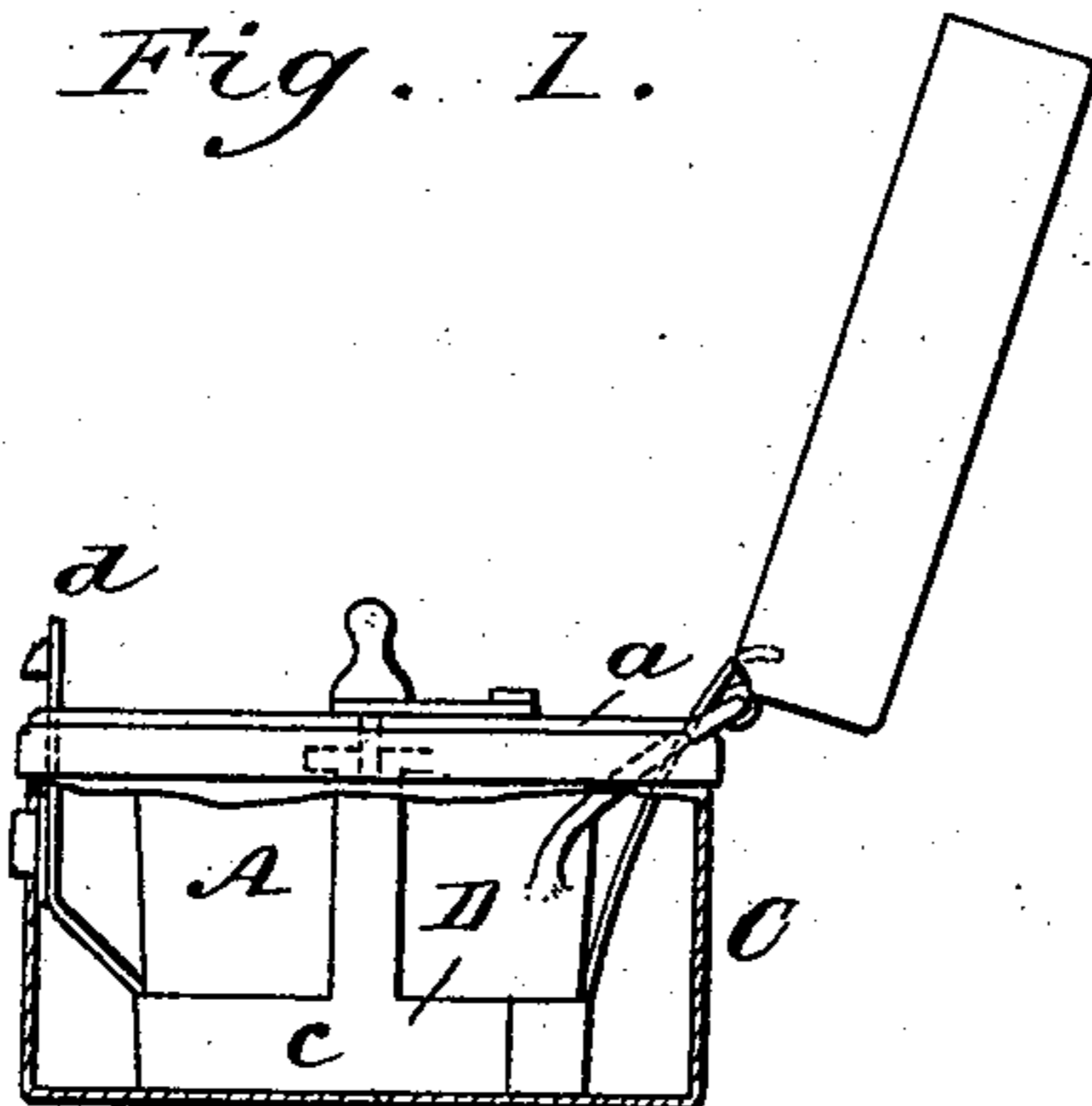


Fig. 2.

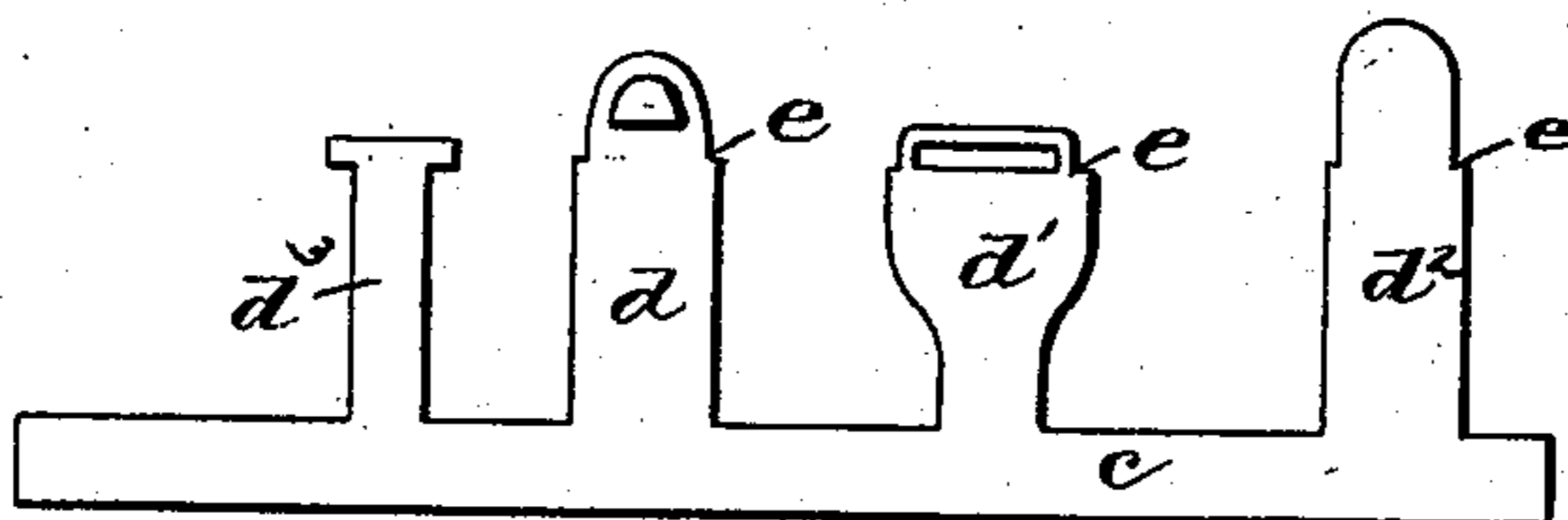
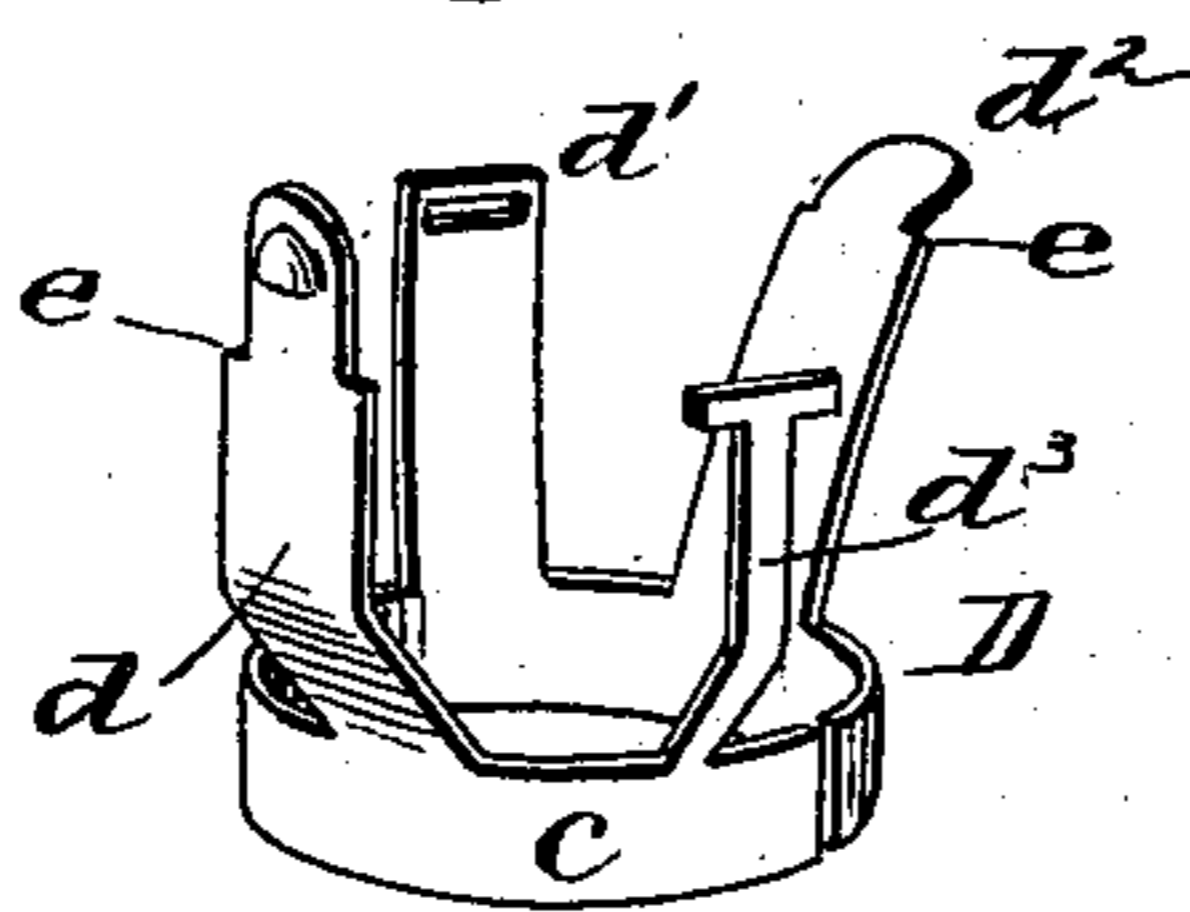


Fig. 3.



WITNESSES:

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UNITED STATES PATENT OFFICE.

LOUIS B. PRAHAR, OF BROOKLYN, NEW YORK.

SAFETY-INKSTAND.

SPECIFICATION forming part of Letters Patent No. 376,964, dated January 24, 1888.

Application filed October 17, 1887. Serial No. 252,574. (No model.)

To all whom it may concern:

Be it known that I, LOUIS B. PRAHAR, of Brooklyn, in the county of Kings and State of New York, have invented a new and Improved Safety-Inkstand, of which the following is a full, clear, and exact description.

This invention relates to that class of inkstands described and shown in an application for patent filed by me September 30, 1887, Serial No. 251,126; and it consists in an improved manner of carrying out the invention therein set forth, whereby an improved construction and arrangement of the metal frame and spring-arms are obtained, as will be hereinafter more specifically described and claimed.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a sectional side elevation of an inkstand provided with my improvement. Fig. 2 is a plan view of the blank for the plate and spring-arms, and Fig. 3 is a perspective view of the blank after bending to shape for application to the stand.

The inner casing, A, which holds the bottle, is formed with a flange, *a*, to which the outer casing, C, is secured. Through the flange *a* are formed suitable openings for the ends of the arms carrying the covers and forming springs therefor, which arms, as in my hereinbefore-referred-to application, are formed integral with a plate embracing the inner casing; but in the form of plate and integral arms shown and described in said application the spring-arms are liable to breakage at the bend or point of connection with the main plate of the frame, especially such of said arms in which the grain of the metal runs transversely. and it is to overcome this objection that I have devised the form of plate and arms now to be described.

The arms *d d' d'' d'''*, which correspond with the similar arms of my previous application, and which may be varied in form and function as therein set forth, are in this case formed as integral parts of a main plate, *c*, which is in the form of a strip, from the edge of which said arms project at right angles and in the same plane, as shown in Fig. 2.

The blank D for the frame, consisting of the main plate and spring-arms, is cut from a sheet of spring metal, preferably so that the grain of the metal will run as indicated by the arrow in Fig. 2—that is, lengthwise of the arms—whereby, when the blank is bent to the shape shown in Fig. 3, with the various arms properly shaped as required to act as carriers for the hinges of the covers and as springs and catches for the same, there will be, in use, no liability of breakage of the arms from the plate.

All of the arms or opposing ones are formed with shoulders *e*, so located that when the frame is in position, as shown in Fig. 1, the plate *c* will embrace the inner casing, with its lower edge resting on the bottom of the outer casing and the shoulders *e* engaging the under side of the flange *a*, whereby the frame will be held properly positioned and the arms restrained from outward or longitudinal movement in the operation of the various parts of the stand.

The plate *c* may be made in two pieces, if preferred, without departing from the spirit of my invention.

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

1. In a safety-inkstand, the combination, with the outer and inner casings, and their covers, of a circularly-bent spring-plate between said casings, provided with arms extending from its upper edge, substantially as and for the purposes set forth.

2. The combination, with the casings of a safety-inkstand, of the circularly-bent spring-plate *c*, having arms extending from its edge, provided with shoulders *e*, substantially as described.

3. The combination, with the inner casing of a safety-inkstand, of the circularly-bent spring-plate *c*, provided with the arms *d d' d'' d'''*, substantially as described.

LOUIS B. PRAHAR.

Witnesses:

W. S. WALKER,
C. SEDGWICK.