

(No Model.)

S. C. PRICE.

FLASK PIN.

No. 315,661.

Patented Apr. 14, 1885.

Fig. 1

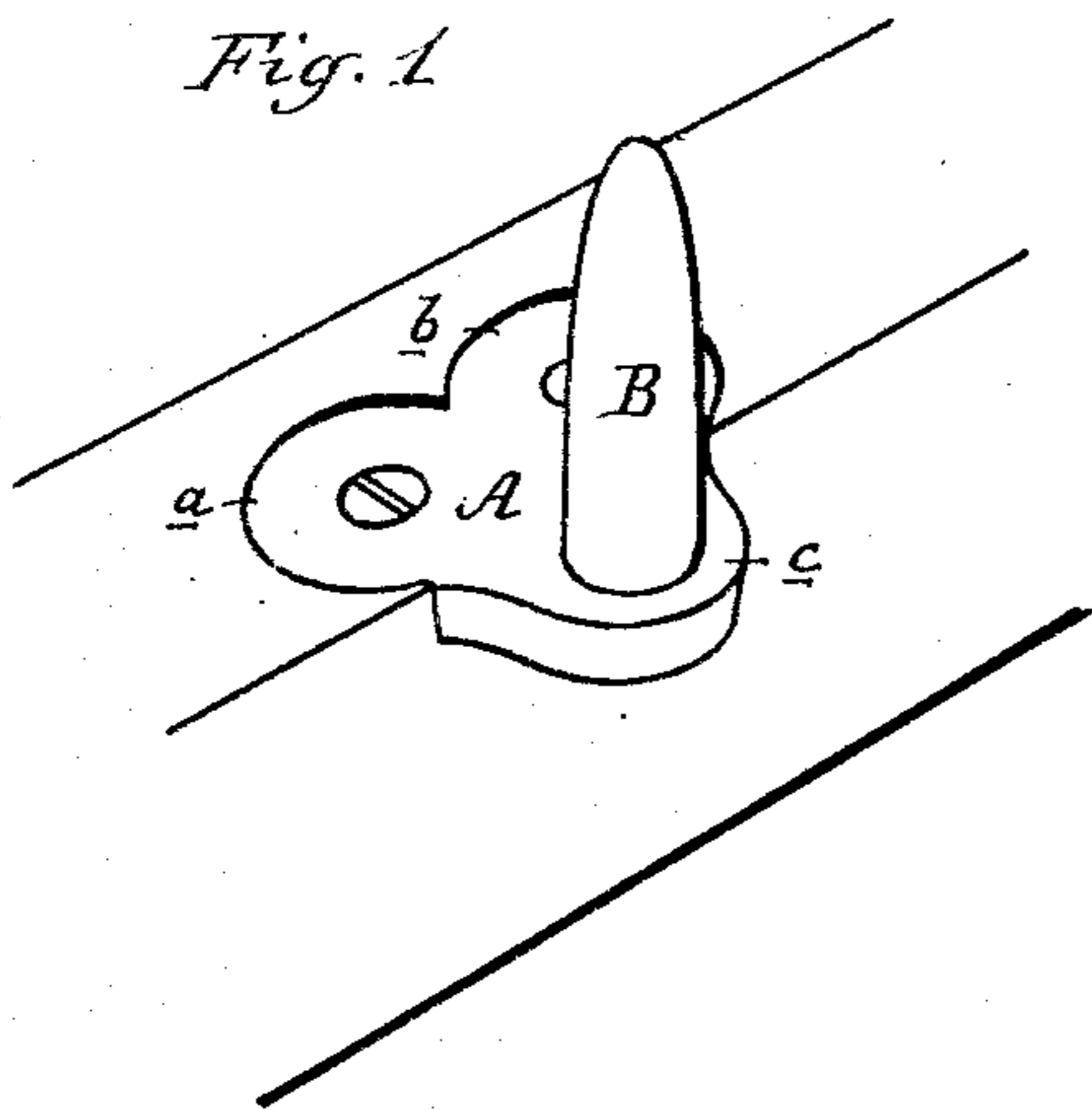


Fig. 2

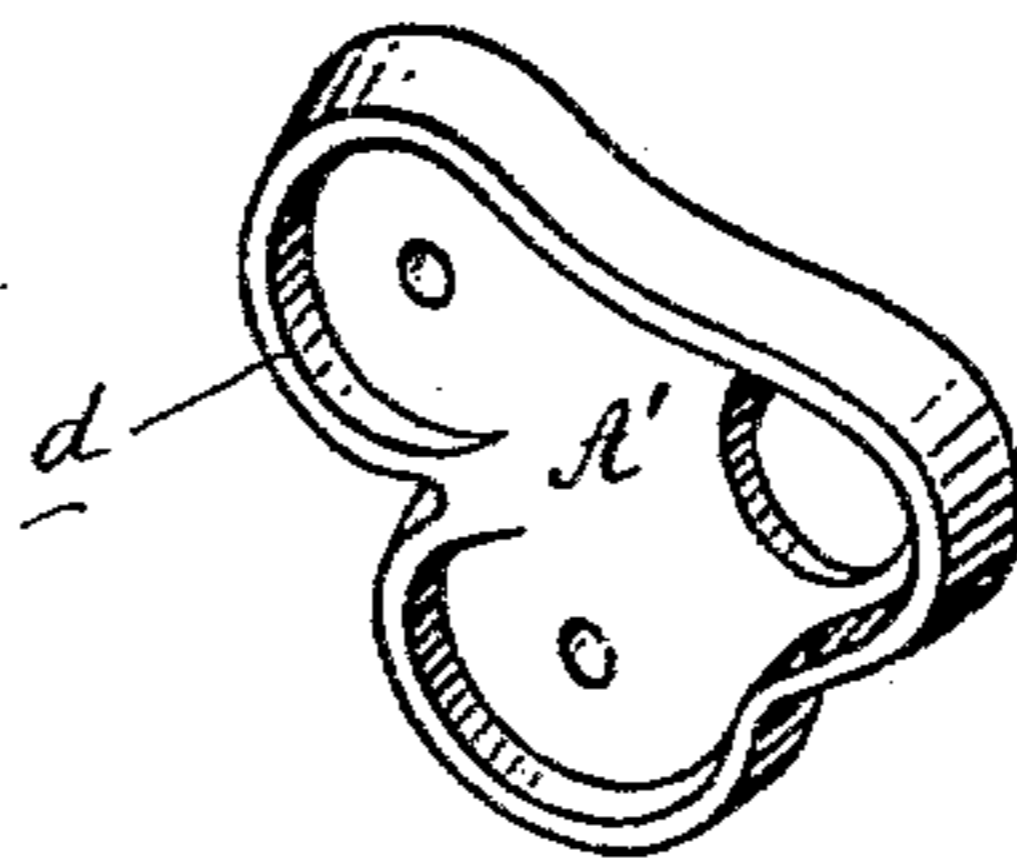
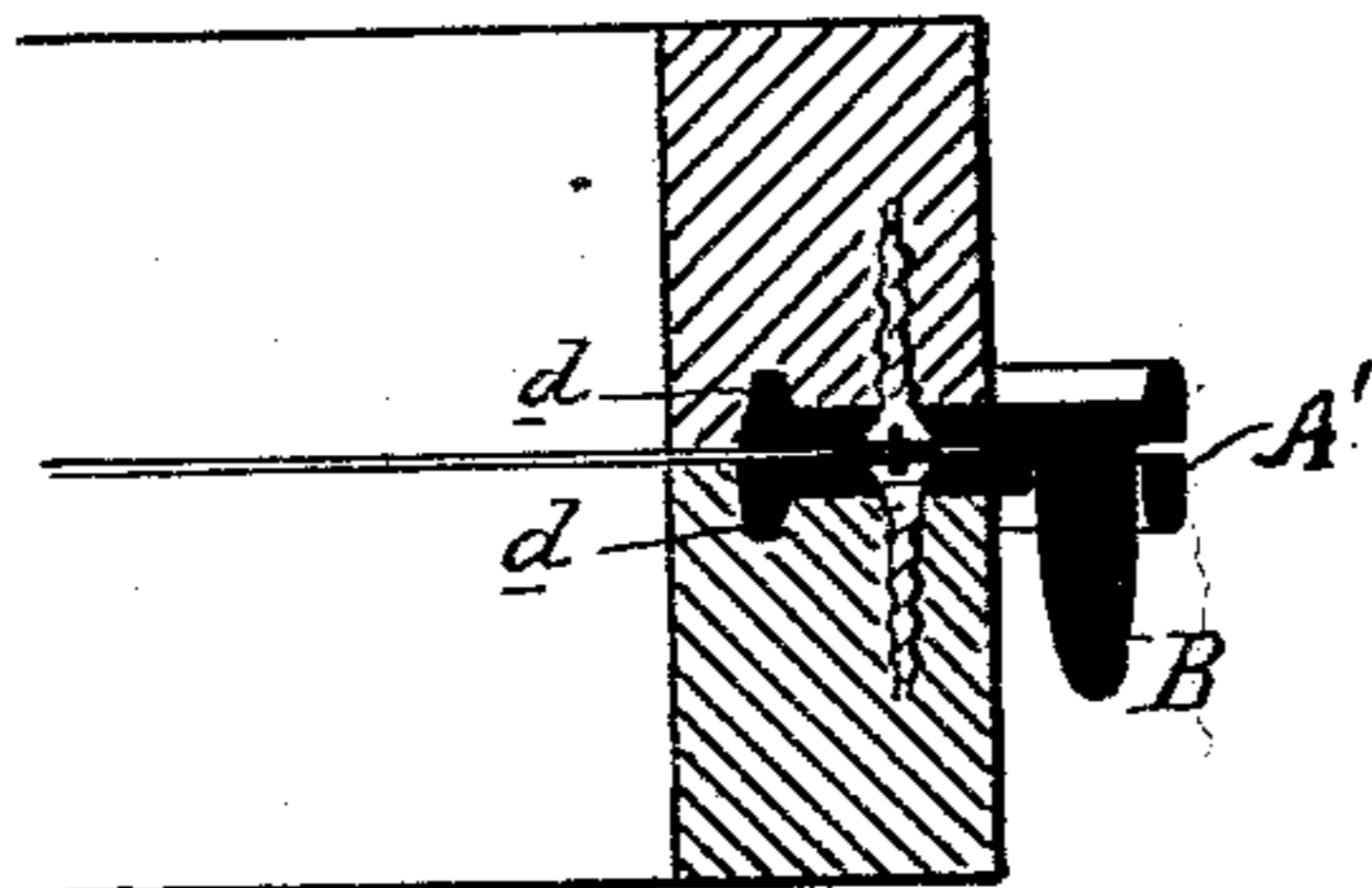


Fig. 3



Attest:

A. Barthel
J. Sprague

Inventor:

Samuel C. Price

by his Atty. J. B. Sprague

UNITED STATES PATENT OFFICE.

SAMUEL C. PRICE, OF DETROIT, MICHIGAN.

FLASK-PIN.

SPECIFICATION forming part of Letters Patent No. 315,661, dated April 14, 1885.

Application filed December 10, 1884. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL C. PRICE, of Detroit, in the county of Wayne and State of Michigan, have invented new and useful Improvements in Flask-Pins; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, which form a part of this specification.

This invention relates to certain new and useful improvements in the construction and operation of what are ordinarily denominated "flask-pins," or devices for holding the parts of flasks together in their correct relative positions.

The invention consists in the peculiar construction of the parts and their combination with a molder's flask, as more fully herein-after described.

Figure 1 is a perspective view of the plate carrying the pin. Fig. 2 is a perspective view of the reverse side of Fig. 1. Fig. 3 is a section showing the manner of securing the parts to the parts of the flask.

In the accompanying drawings, which form a part of this specification, A represents the plate carrying the pin B, the latter being of the usual form, while the former consists of two circular parts, *a b*, cast integral with each other and with the ear *c*, which carries the pin. The reverse side of the plate has cast upon it a downwardly-projecting flange, *d*, of the general shape of the contour of the face of the plate, as shown. This plate carrying the pin is secured to the edge of one part of the flask, and another plate, A', of the same shape and character, except that where the pin is in the plate which carries it the other plate has a hole to receive the pin when the parts are engaged, is secured to the edge of another part of the flask. To secure these plates in place on the parts of a flask, a recess of corresponding shape to the plate is made in the wood of

the flask at the proper point by means of a bit or any suitable tool having a depending lip, which will at the same time cut a channel deeper than the seat around the edge thereof for the reception of the flange *d*, by which means the seat for the web and the channel around the edge is cut simultaneously. The plate being seated, screws passing through it into the flask secure it in place. The peculiar shape of the plate and its seat act as a dovetail against side strain, and the strain upon the screws as ordinarily employed is relieved by the flange of the plate engaging with the channel in the seat of the plate in the edge of the flask. This peculiar construction of the plate and method of securing it is equally adapted to the rolling hinge employed in connection with flasks, as well as to any other hinges that are subjected to similar strain.

What I claim as my invention is—

1. The plate A, consisting of the two circular parts *a b*, cast integral with each other and with the ear *c*, said ear carrying the pin B, in combination with the plate A' of corresponding shape and provided with a hole for the reception of said pin, both of said plates being provided with a flange, *d*, of the general shape of the contour of the plate, substantially as described.

2. The combination, with the plate A, consisting of the two circular parts *a b*, cast integral with each other and with the ear *c*, said ear carrying the pin B, of the plate A' of corresponding shape and provided with a hole for the reception of said pin, both of said plates being provided with a flange, *d*, of the general shape of the contour of the plate, and a hole in the center of the circular parts, substantially as and for the purposes specified.

SAMUEL C. PRICE.

Witnesses:

H. S. SPRAGUE,
E. SCULLY.