

(No Model.)

C. KINNEY.
KNIFE SCOURER.

No. 273,368.

Patented Mar. 6, 1883.

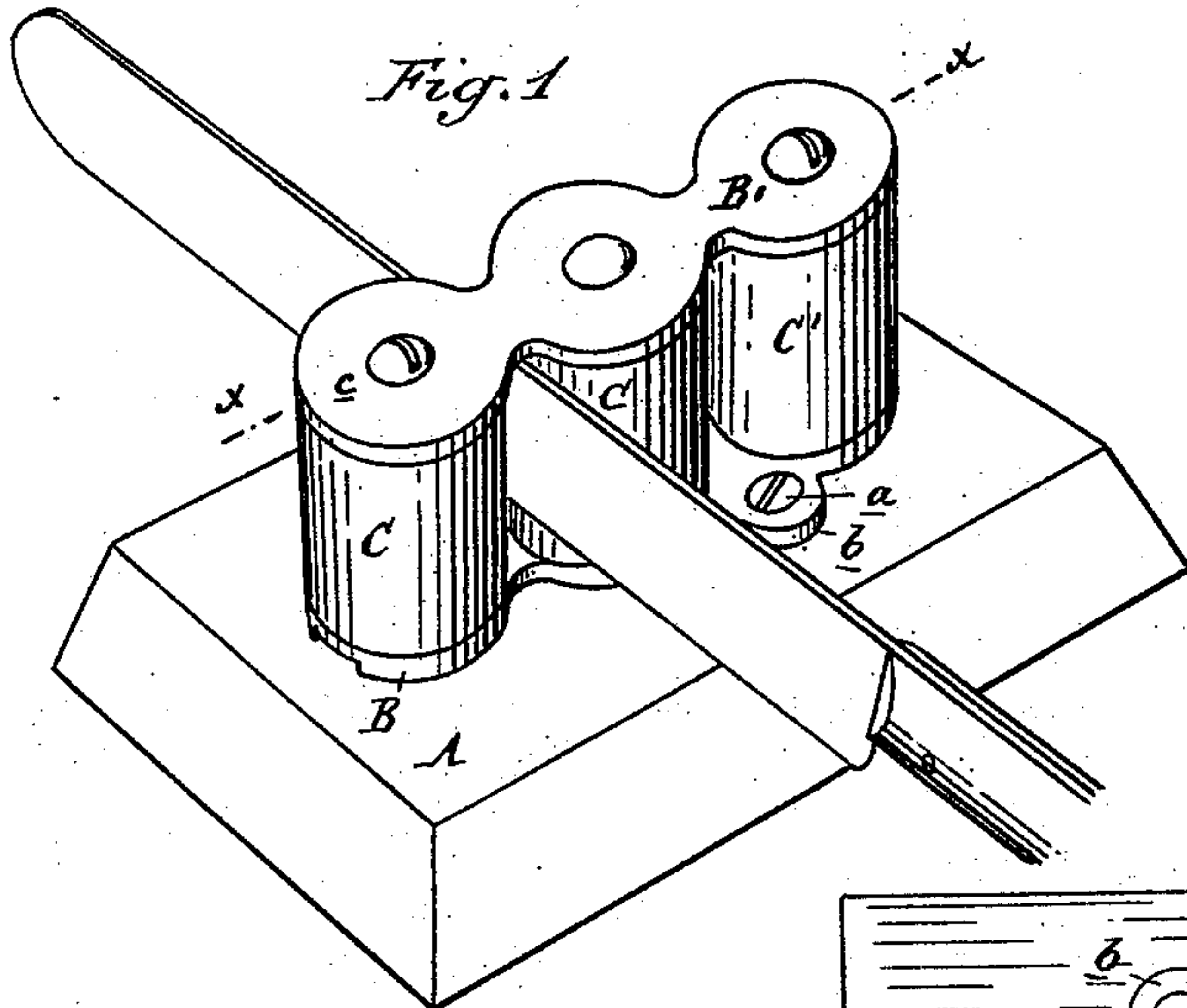


Fig. 3

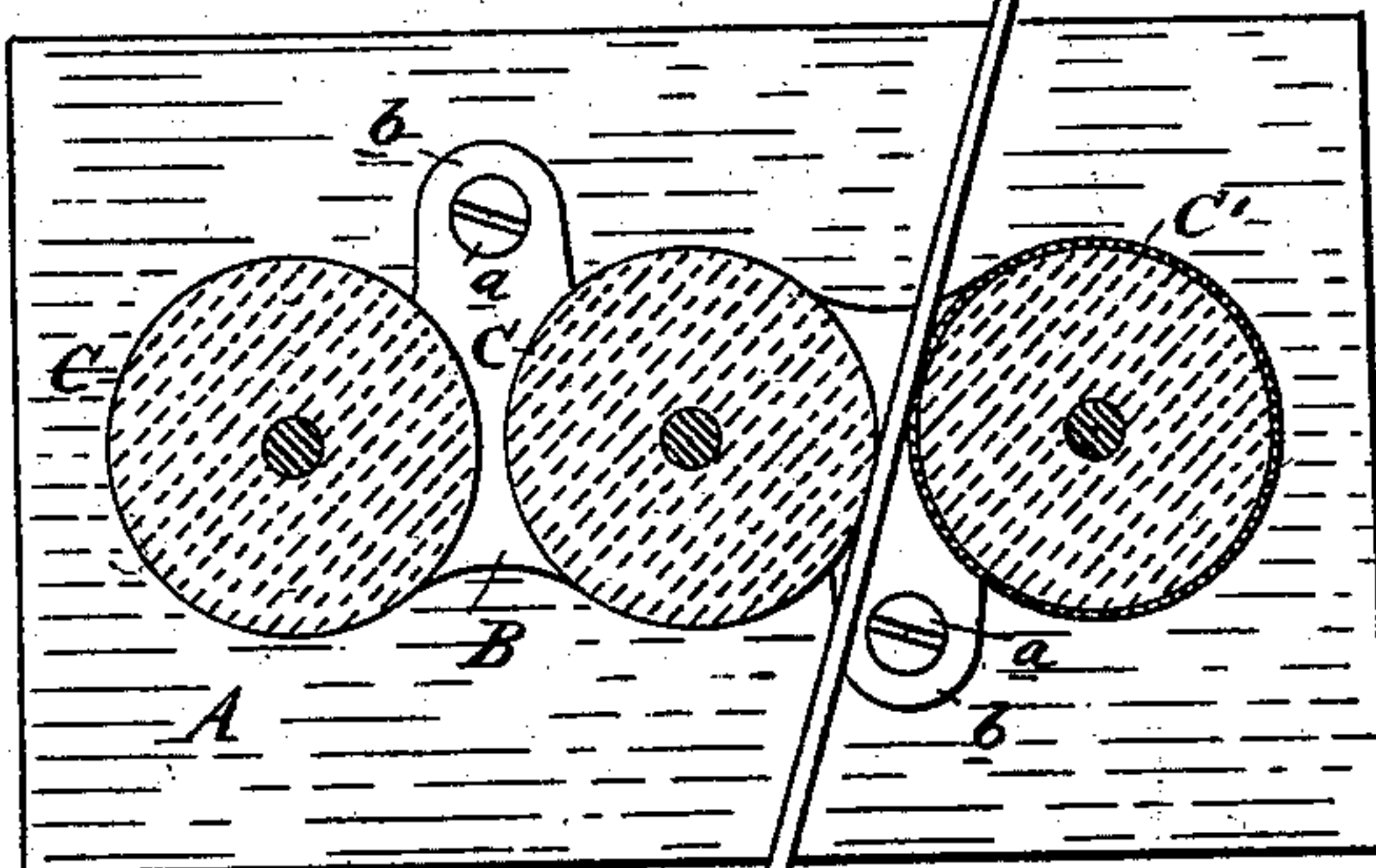
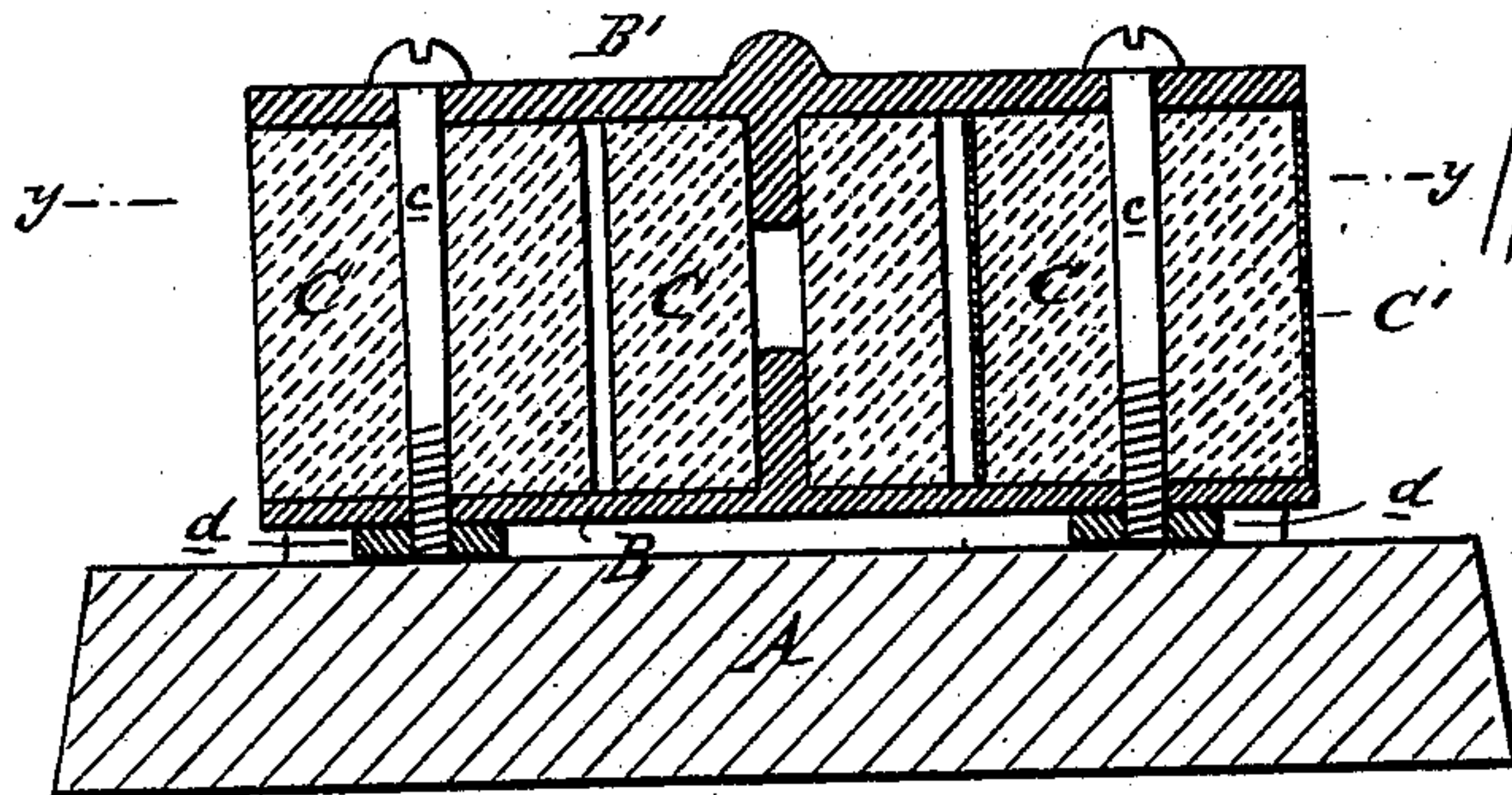


Fig. 2



Witnesses:
E. W. Henderson
D. A. Daly,

Inventor:
Cyrus Kinney
per attorney R. F. Sherts.

UNITED STATES PATENT OFFICE.

CYRUS KINNEY, OF WINDSOR, ONTARIO, CANADA, ASSIGNOR TO HIMSELF,
AND JAMES M. WELCH, OF DETROIT, MICHIGAN.

KNIFE-SCOURER.

SPECIFICATION forming part of Letters Patent No. 273,363, dated March 6, 1883.

Application filed December 30, 1882. (No model.)

To all whom it may concern:

Be it known that I, CYRUS KINNEY, of Windsor, in the county of Essex and Province of Ontario, Canada, have invented certain
5 new and useful Improvements in Knife-Scourers, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, in which—

Figure 1 is a perspective view of my device.

10 Fig. 2 is a longitudinal vertical section at $x x$, and Fig. 3 is a horizontal section at $y y$.

The nature of my invention relates to an improvement in devices for scouring and buffing table-knives of that class wherein the knife
15 is reciprocated between two polishing-surfaces; and it consists in a pair of cast plates having three cylinders, of cork or other elastic material, secured between them, one of which cylinders is covered or coated with an abrasive
20 substance, as more fully hereinafter set forth.

In the drawings, A represents a wooden base, to which is secured a cast-iron plate, B, by means of two wood-screws, a , passing through lugs $b b$.

25 B' is a plate similar in shape to the plate B, omitting the lugs, and between these two plates three cylinders, C, of cork, are interposed and secured in position by a screw, c , passing

through both plates and the axis of each cylinder into a nut, d , which is placed in a recess 30 under the bottom plate. One of the end cylinders is covered with fine emery-cloth C', or it may be coated with any fine abrasive material, for removing rust or deep stains by rubbing the flat of the knife-blade against it, reciprocating it between it and the adjacent cylinder at such an angle as will insure forcible contact. To buff or polish the blade it is next
35 passed in like manner between the two plain cork cylinders C C, carrying with it enough polishing material from the cylinder C' to give it after a few passes the required polish. 40

I do not wish to confine myself to the materials described for the polishing-cylinders, as others may be used without departing from 45 the spirit of my invention.

What I claim as my invention is—

The elastic scouring and polishing cylinders C C C' interposed between the plates B B', all secured together substantially in the manner 50 and for the purpose set forth.

CYRUS KINNEY.

Witnesses:

D. A. DALY,
ROLAND HILL.