

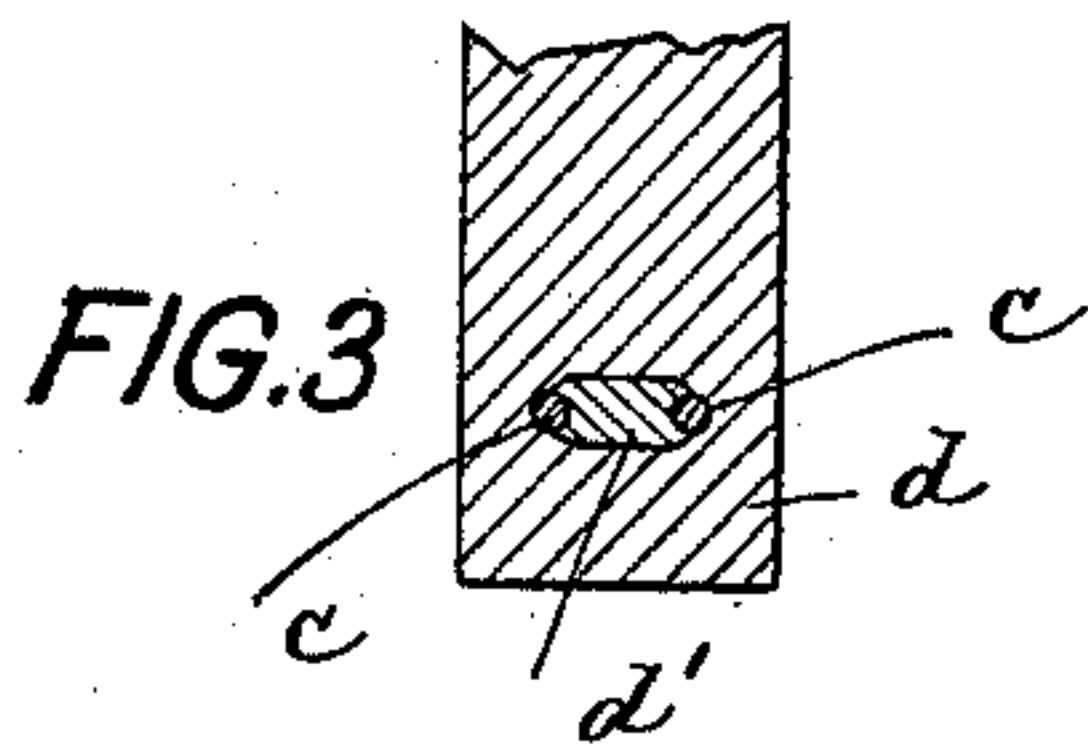
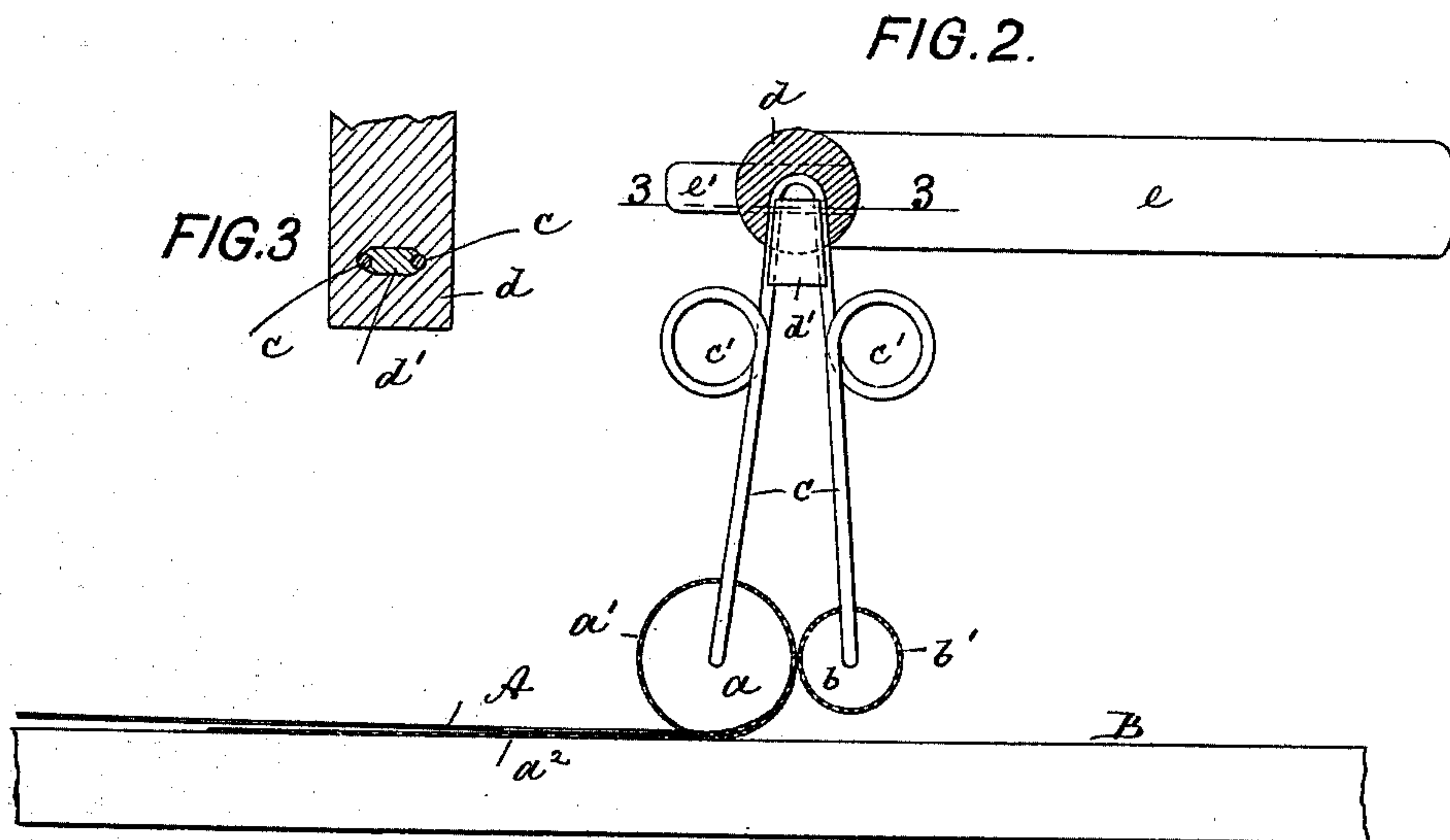
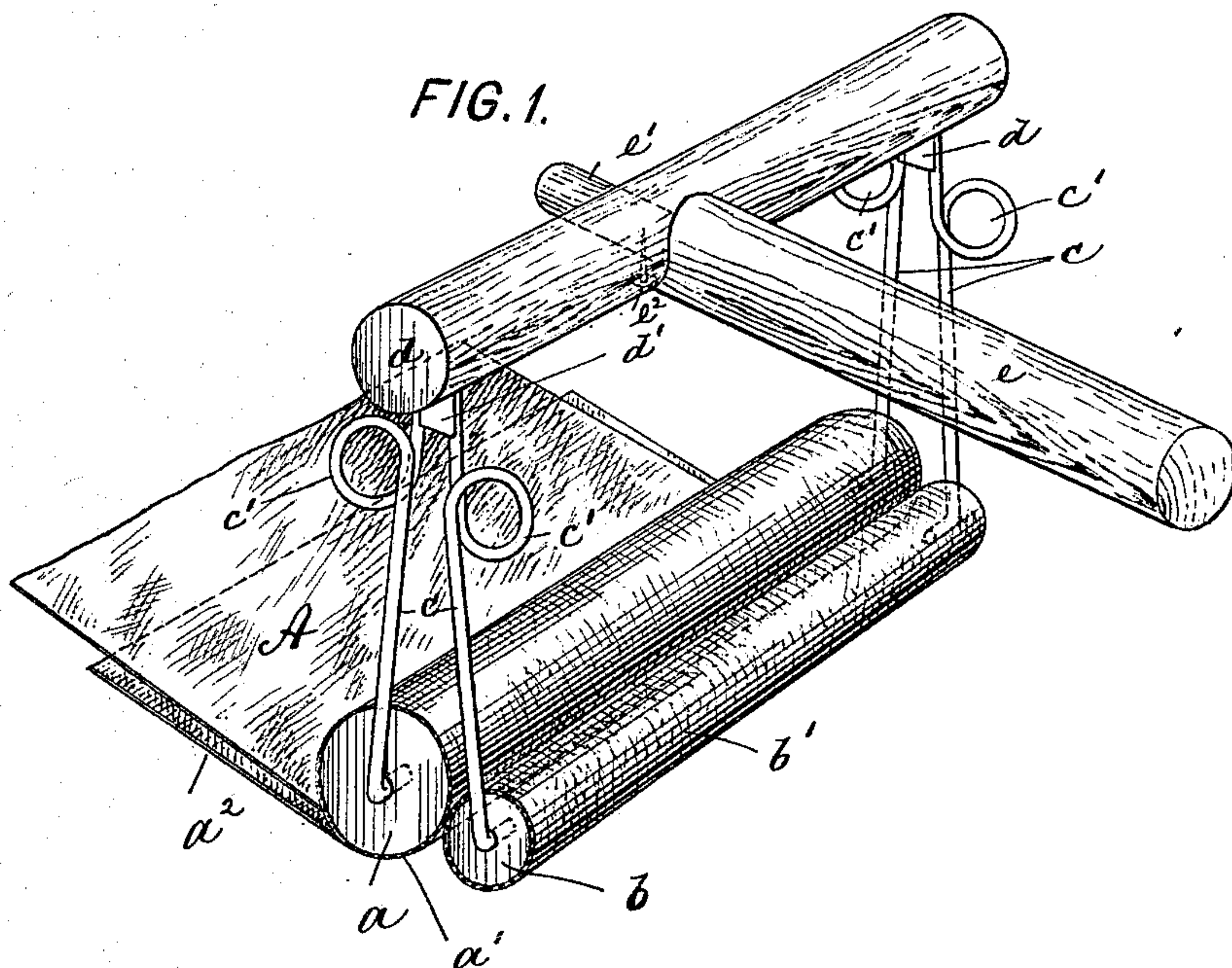
No. 672,583.

Patented Apr. 23, 1901.

W. H. ANDERSON.
HAND MANGLE.

(Application filed Jan. 10, 1901.)

(No Model.)



Witnesses:
John Becker.
Edw. Ray.

Inventor:
William H. Anderson
by his attorneys
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UNITED STATES PATENT OFFICE.

WILLIAM H. ANDERSON, OF NEW YORK, N. Y.

HAND-MANGLE.

SPECIFICATION forming part of Letters Patent No. 672,583, dated April 23, 1901.

Application filed January 10, 1901. Serial No. 42,766. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM H. ANDERSON, a citizen of the United States, and a resident of New York city, county and State of New York, have invented certain new and useful Improvements in Hand-Mangles, of which the following is a specification.

This invention relates to a hand-mangle more particularly designed for smoothing worn and wrinkled ribbons, though the mangle may also be used for other purposes.

In the accompanying drawings, Figure 1 is a perspective view of my improved hand-mangle. Fig. 2 is a side view, partly in section, thereof; and Fig. 3, a section on line 3-3, Fig. 2.

The mangle is composed, essentially, of a pair of rollers *a b*, which are pressed against one another by springs and of which the larger roller *a* serves for the reception of the ribbons to be smoothed, while the smaller roller *b* serves as a tension device to bear against such ribbons. The rollers *a b* are surrounded by textile coverings *a' b'*, of which the covering *a'* is extended to project beyond the roller and form a loose flap or apron *a²*, that guides the ribbon *A* evenly onto the roller.

At each end the rollers *a b* are mortised for the reception of the inwardly-bent ends of a U-shaped spring-arm *c*, around which the rollers are revoluble, said arm having, preferably, a pair of coils *c'* to increase its resiliency. The upper bent ends of the arms *c* are received within mortises formed in the side of a rod *d*, to which they are held by plugs *d'*. The tenoned end *e'* of a handle *e* is removably secured to the rod *d* by a pin *e²*.

In use the ribbon to be mangled is placed upon the apron *a²* against the roller *a*, and by pushing the apparatus over the surface of a table or other support *B* the ribbon will be rolled tightly upon the roller *a*, while the roller *b* will prevent the wound-up ribbon from becoming slack. Thus after the ribbon has been allowed to remain upon the apparatus for a short time it will become effectively smoothed out.

To ship the apparatus, the handle *e* is detached from the rod *d*, the plugs *d'* are withdrawn to disconnect the springs *c*, and the latter are drawn out of the rollers *a b*. In this way the entire apparatus may be packed within a small compass.

What I claim is—

1. A hand-mangle composed of a handle, a mortised rod, a pair of U-shaped spring-arms entering the same, plugs for securing said arms to the rod, and a pair of rollers revolvably connected to said arms, substantially as specified.

2. A hand-mangle composed of a handle, a rod, a pair of spring-arms connected thereto, a pair of rollers revolvably connected to said arms, and an apron projecting from one of said rollers, substantially as specified.

Signed by me at New York city, county and State of New York, this 9th day of January, 1901.

WILLIAM H. ANDERSON.

Witnesses:

WILLIAM SCHULZ,
F. V. BRIESEN.