

No. 677,734.

Patented July 2, 1901.

A. FINKENRATH.
SET OF DRAWERS.

(Application filed Dec. 10, 1900.)

(No Model.)

Fig. 1

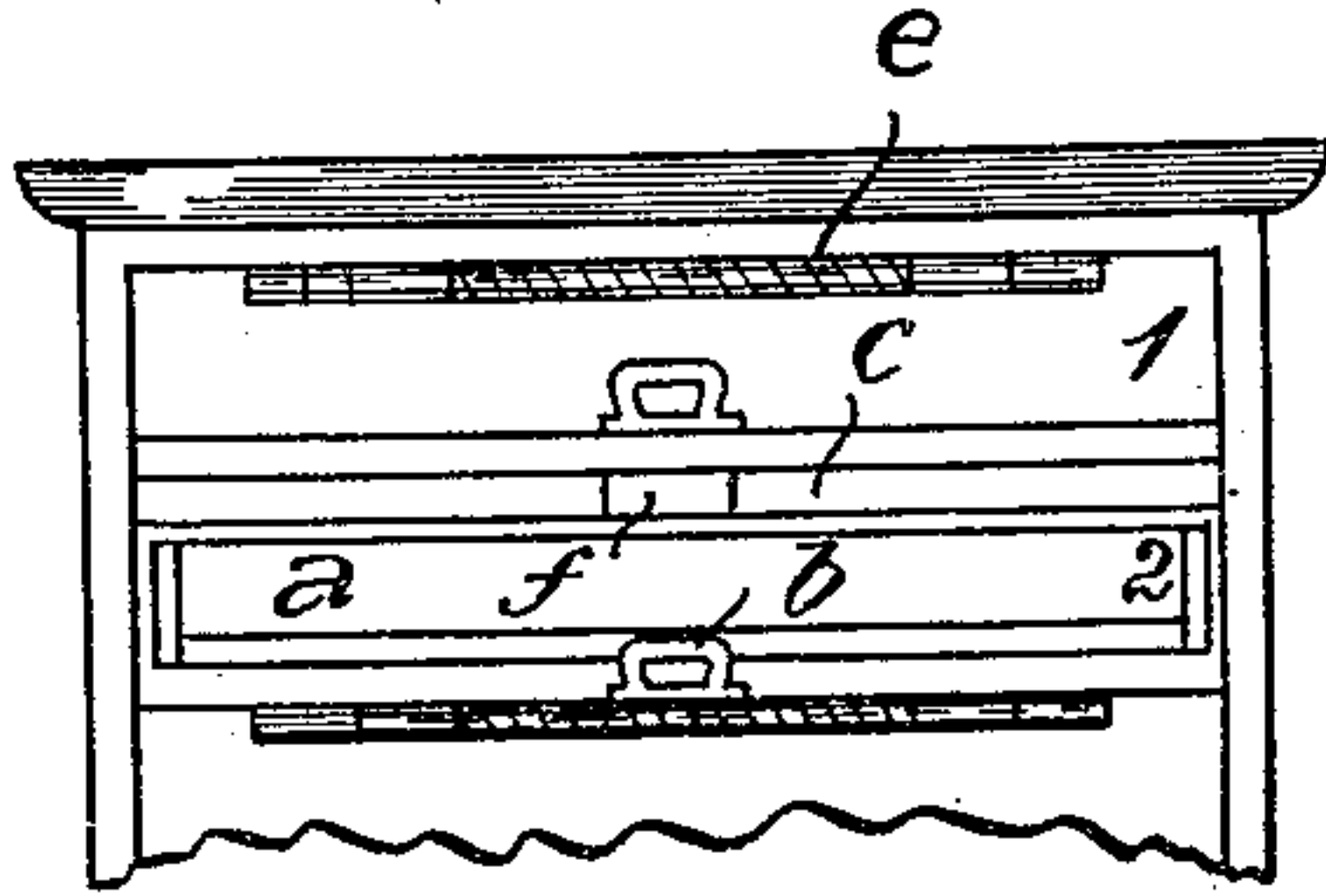


Fig. 2

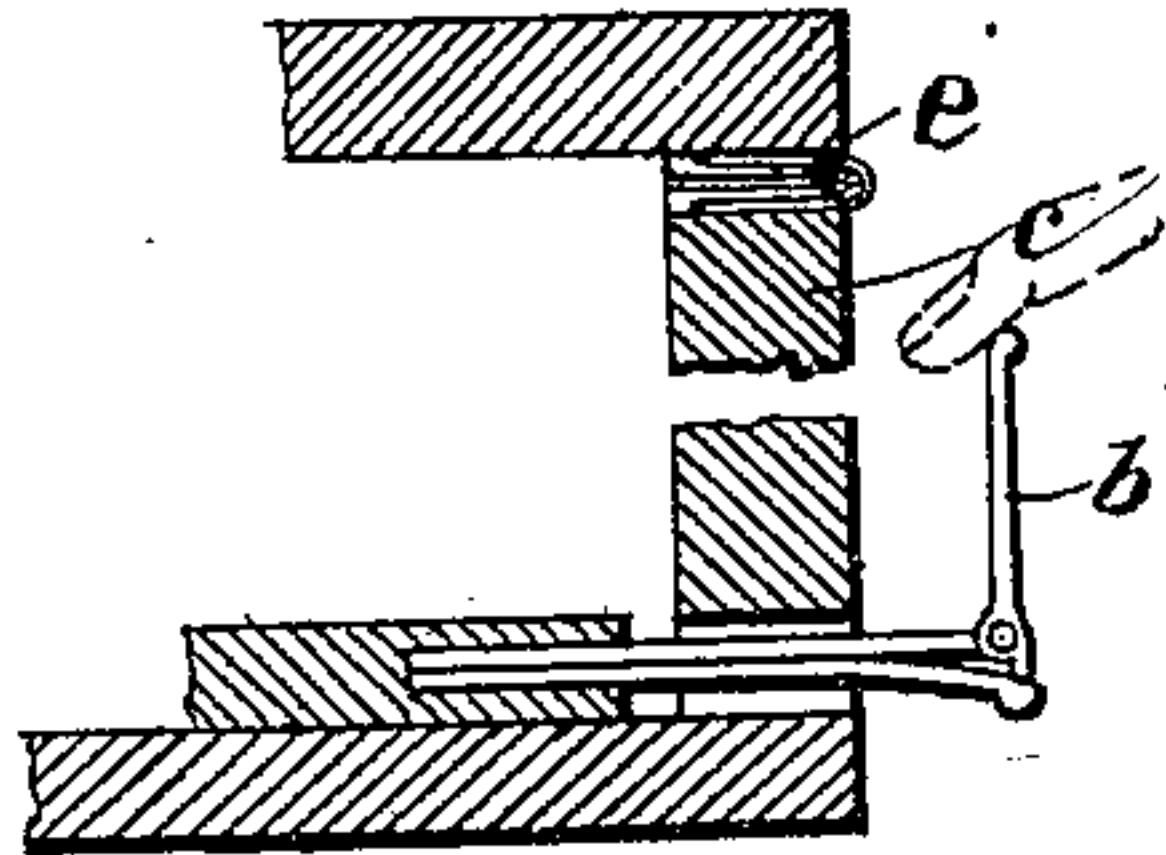
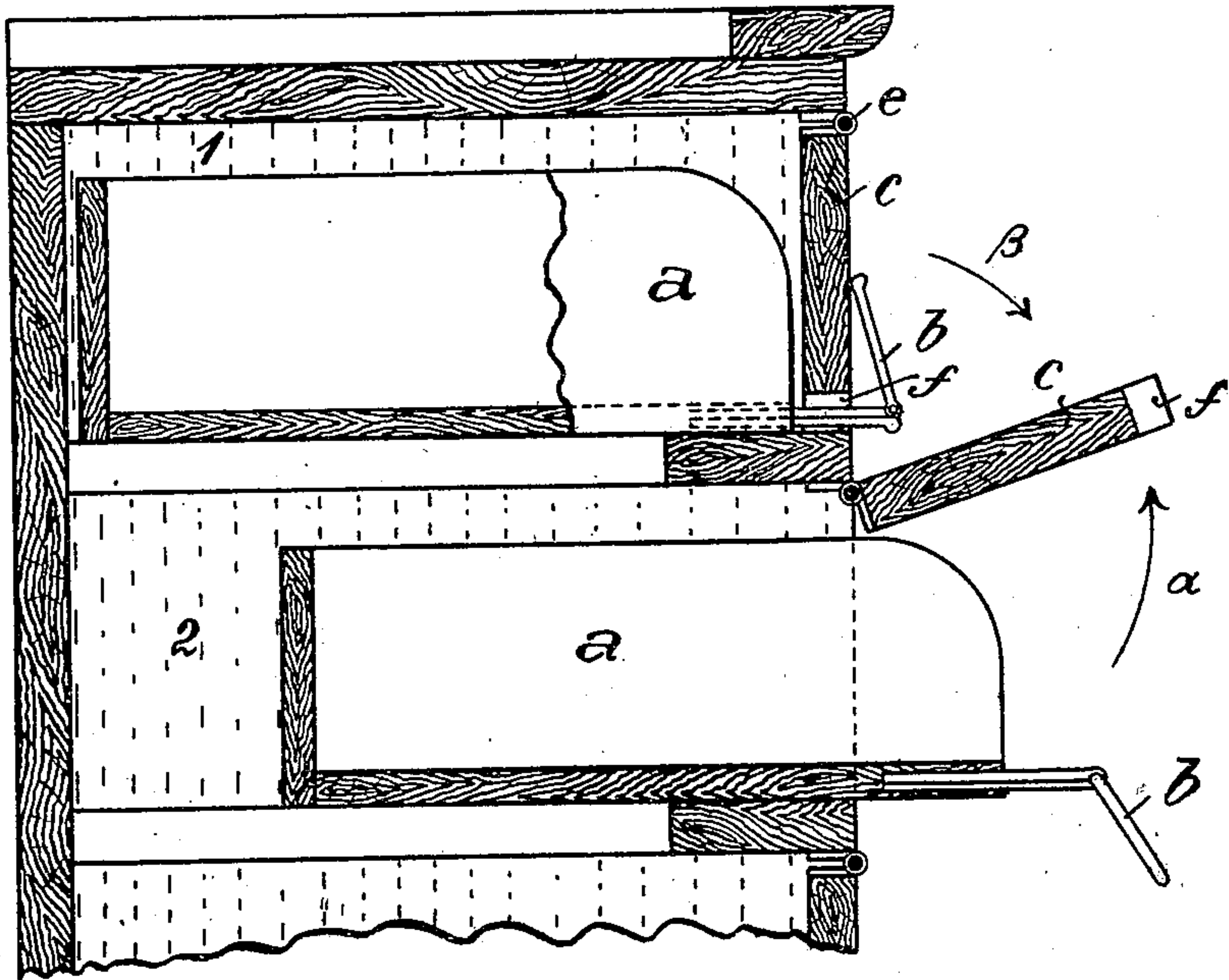


Fig. 3.



Witnesses:

J. B. McMahon.
E. Hoffman.

Inventor,
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Att'y.

UNITED STATES PATENT OFFICE.

ADOLF FINKENRATH, OF BARMEN, GERMANY.

SET OF DRAWERS.

SPECIFICATION forming part of Letters Patent No. 677,734, dated July 2, 1901.

Application filed December 10, 1900. Serial No. 39,411. (No model.)

To all whom it may concern:

Be it known that I, ADOLF FINKENRATH, a subject of the King of Prussia, German Emperor, residing at No. 37 Diekerstrasse, Bar-
men, in the Kingdom of Prussia, German Em-
pire, have invented certain new and useful
Improvements in Sets of Drawers, of which
the following is a specification.

This invention relates to an improved set
of drawers with front folding flap for each
separate drawer, said flaps opening automati-
cally on the actuation of the handle attached
to the drawer.

In order to make the invention more clear,
it is illustrated in the accompanying draw-
ings, in which—

Figure 1 shows a front elevation with the
flaps closed, and Fig. 2 is a longitudinal sec-
tion from front to back through the set of
drawers. Fig. 3 is a detail sectional view
showing the handle-spring and heel-piece.

In each case the topmost flap 1 is shown
as closed and the second flap 2 is shown open.

The new apparatus is constructed as fol-
lows:

In the separate divisions 1, 2, 3, &c., are
placed the removable drawers *a*, which are
provided in front with folding lever-handles
b, hinged thereto under spring-pressure.
These handles, which act upon their springs
by aid of heel-pieces *b'*, Fig. 2, apply them-
selves against the closing flap *c* of the sepa-
rate drawers, overcoming the resistance of the
spring *e*, arranged in connection with the
hinge of the said flap.

In order to allow the handles *b* to pass
through the flaps *c*, the said flaps are provided
at that point with apertures *f*. If it is re-

quired to draw out one of the drawers *a* and
open the respective flap, it is only necessary
to move the handle *b* downward in the direc-
tion shown by the arrow B. By the action of
the spring *e* the covering-flap *c* is then lifted
in the direction indicated by the arrow A.
The flap is thus opened, and the drawer *a* can
be pulled out more or less by aid of the han-
dle *b*. When it is desired to close the flap
again, it is first necessary to push back the
drawer *a*. The covering-flap *c* is then caused
to fall back, and, finally, the handle *b* is pushed
in the opposite direction against the closed
flap *c*.

Having now described my invention, what
I desire to secure by Letters Patent of the
United States is—

1. The combination with a casing, of a flap
hinged thereto to cover a drawer-opening, a
drawer in said opening and a handle attached
to said drawer and means for moving said
handle toward said flap to hold said flap in
closed position, substantially as described.

2. The combination with a casing, of a
spring-pressed flap, hinged thereto, a drawer
in said casing, a handle secured to said drawer
and projecting outside of said flap, and a
spring acting to force said handle against
said flap to hold the latter closed against the
opening action of its spring, substantially as
described.

In witness whereof I have hereunto set my
hand in presence of two witnesses.

ADOLF FINKENRATH.

Witnesses:

OTTO KÖNIG,
J. A. RITTERSHAUS.