

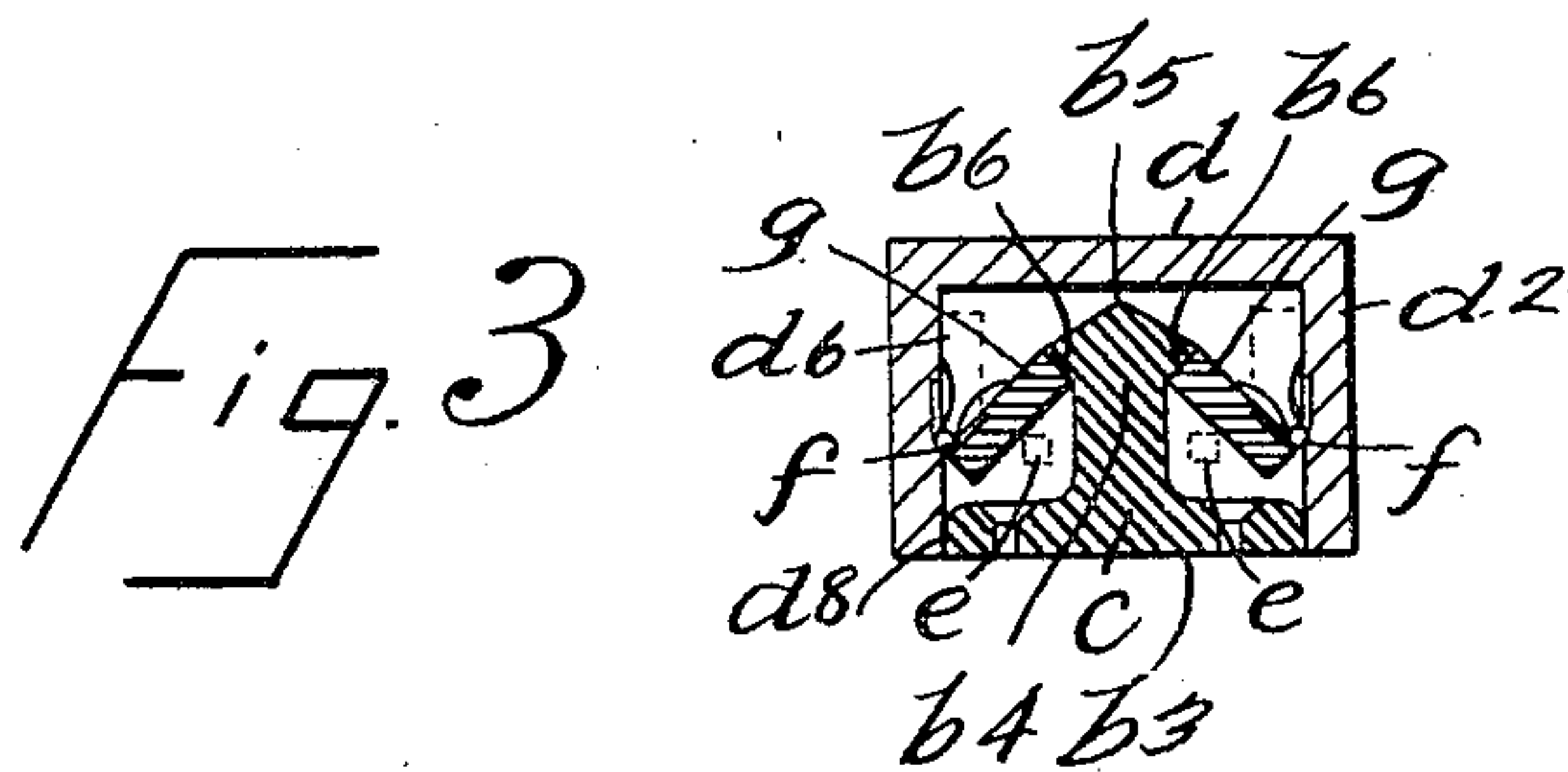
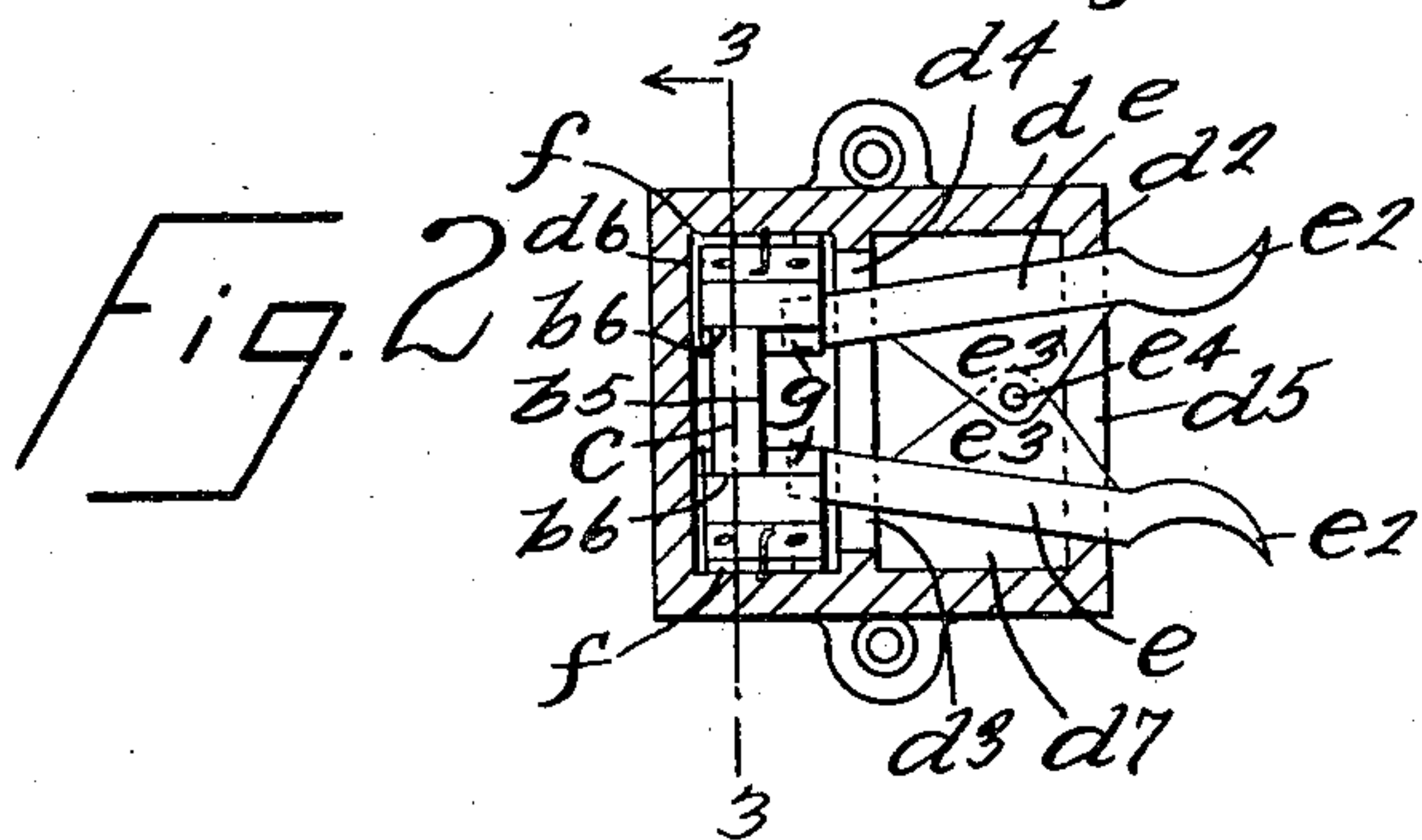
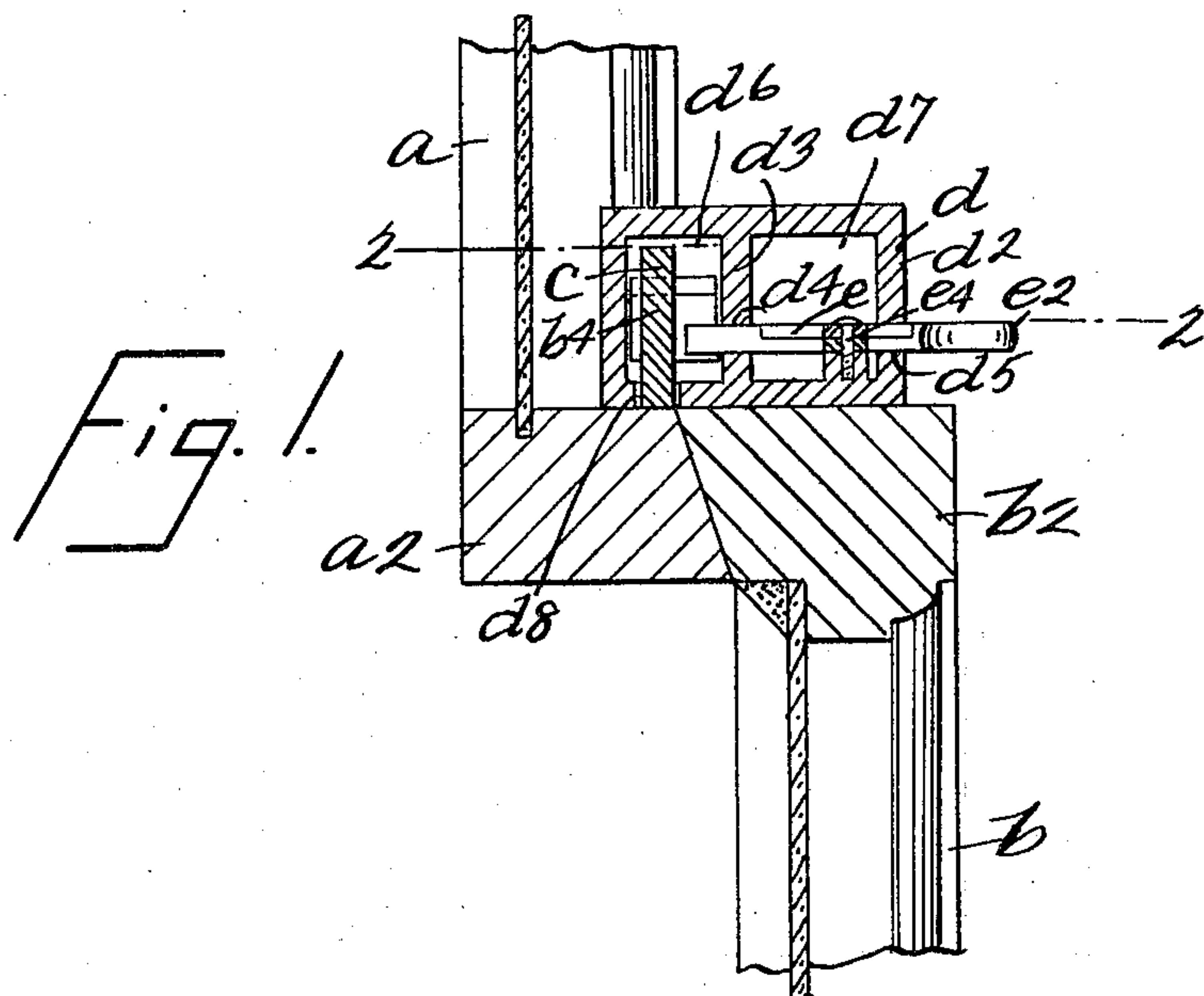
No. 825,475.

PATENTED JULY 10, 1906.

C. V. MCGINITY.

SASH LOCK.

APPLICATION FILED AUG. 1, 1905.



WITNESSES

J. E. Larsen
F. A. Stewart.

BY

INVENTOR
Cornelius V. McGinity
Edgar T. B.

ATTORNEYS

UNITED STATES PATENT OFFICE

CORNELIUS VINCENT MCGINITY, OF BROOKLYN, NEW YORK.

SASH-LOCK.

No. 825,475.

Specification of Letters Patent.

Patented July 10, 1906.

Application filed August 1, 1905. Serial No. 272,149.

To all whom it may concern:

Be it known that I, CORNELIUS VINCENT MCGINITY, a citizen of the United States, residing at Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Sash-Locks, of which the following is a specification such as will enable those skilled in the art to which it appertains to make and use the same.

This invention relates to sash-locks; and the object thereof is to provide an improved device of this class by means of which the sashes of a window may be conveniently locked together when in their closed position and which will also admit of the vertical adjustment of the sashes to any desired point.

The invention is fully disclosed in the following specification, of which the accompanying drawings form a part, in which the separate parts of my improvement are designated by suitable reference characters in each of the views, and in which—

Figure 1 is a transverse section through the bottom part of an upper sash and the top part of a lower sash, said parts being provided with my improved sash-lock, which is also shown in section; Fig. 2, a section on the line 2 2 of Fig. 1, and Fig. 3 a section on the line 3 3 of Fig. 2.

In the drawings forming part of this specification I have shown at *a* a part of the upper sash of a window, together with the bottom transverse bar *a*² thereof, and at *b* a part of the lower sash of a window, together with the top transverse bar *b*² thereof.

In the practice of my invention I provide a sash-lock which comprises a part *c*, secured to the bottom part of the top sash, and a part *d*, secured to the top part of the bottom sash. That part which is secured to the bottom part of the upper sash consists of a bottom plate *b*³, having a central upwardly-directed member *b*⁴, provided with a beveled head *b*⁵, having side projections *b*⁶, which are also beveled on their under sides.

The part *d*, which is secured to the top of the bottom sash, comprises a box *d*², divided transversely by a partition *d*³, having a horizontal slot or opening *d*⁴ and the front of the box *d* is also provided with a horizontal slot or opening *d*⁵, and the partition *d*³ divides the box *d*² into a back chamber *d*⁶ and a front chamber *d*⁷. Pivoted within the front chamber *d*⁷ are two levers *e*, provided with outwardly-directed handle members *e*², which

pass through the slot or opening *d*⁵ in the front of the box or case *d*², and said levers are provided centrally with inwardly-directed lugs *e*³, by which they are pivoted together and to the bottom of the box or case *d*², as shown at *e*⁴.

The rear ends of the levers *e* project through the slot or opening *d*⁴ in the partition *d*³ and into the chamber *d*⁶ in the back portion of the box *d*², and hinged to the opposite side walls of the chamber *d*⁶, as shown at *f*, are jaws *g*, which are adapted to engage the side projections *b*⁶ of the head *b*⁵ of the upright member *b*⁴ of the part of the lock which is secured to the bottom member of the upper sash. The hinges at *f* are spring-hinges, as clearly shown in Figs. 2 and 3, and the position of the parts when the sashes are locked together is clearly shown in the drawings and especially in Fig. 3. The inner ends of the levers *e* are adapted to be forced against the under or inner sides of the jaws *g* in the operation of unlocking the sashes, and the springs of the hinges *f* hold said levers in the position shown in Fig. 2. Whenever it is desired to unlock the sashes and move one up or the other down, the outer ends of the levers *e* are pressed together. This throws the jaws *g* out of engagement with the head *b*⁵ of the member *b*⁴ of the part which is secured to the upper sash, and the sashes may then be adjusted or the upper sash lowered or the lower sash raised, as may be desired, and whenever the sashes are closed, as shown in Fig. 1, they are automatically locked together, the member *b*⁴ of the part of the lock which is secured to the upper sash passing into the box *d* or the compartment *d*⁶ thereof and through the opening *d*⁸ in the bottom thereof. It will thus be seen that in locking the sashes together the operation is automatic; but in unlocking the sashes the handle members *e*² of the levers *e* must be pressed inwardly, so as to force the jaws *g* outwardly against the operation of the spring-hinges *f*.

The rear end of that part of the device which is secured to the top of the lower sash projects over the bottom transverse member or bar *a*² of the upper sash, and by reason of this fact the vertical movement of the sashes will be limited by the transverse bar at the top of the upper sash unless the latter be so formed as to permit of the passage of the rear end of the box *d*².

My improved sash-lock is simple in construction and operation and may be applied

to sashes wherever devices of this kind are required.

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

5 A sash-lock composed of two parts one of which is adapted to be secured to the bottom rail of the upper sash and the other to the top of the lower sash, that part of the lock
10 which is adapted to be secured to the bottom rail of the upper sash being provided with an upwardly-directed member having a beveled head provided with laterally-directed projections, and that part which is adapted to be
15 secured to the top of the lower sash comprising a box the back portion of which is provided in the bottom thereof with an opening through which that part of the lock which is

secured to the bottom of the upper sash is adapted to be passed, said box being provided at its opposite sides with spring-operated hinged jaws which are adapted to engage the head of the part which is secured to the bottom of the upper sash, and levers pivoted in said box and the front ends of which project forwardly therethrough and the rear ends of which normally rest beneath said jaws, substantially as shown and described. 20 25

In testimony that I claim the foregoing as my invention I have signed my name, in presence of the subscribing witnesses, this 31st day of July, 1905. 30

CORNELIUS VINCENT MCGINITY.

Witnesses:

PAUL STANISLAUS MCKENNA,
WILLIAM J. JONES.