

No. 887,141.

PATENTED MAY 12, 1908.

C. STEINER.
SECURING DEVICE FOR WRITING TABLES.

APPLICATION FILED DEC. 13, 1907.

2 SHEETS—SHEET 1.

FIG. 1.

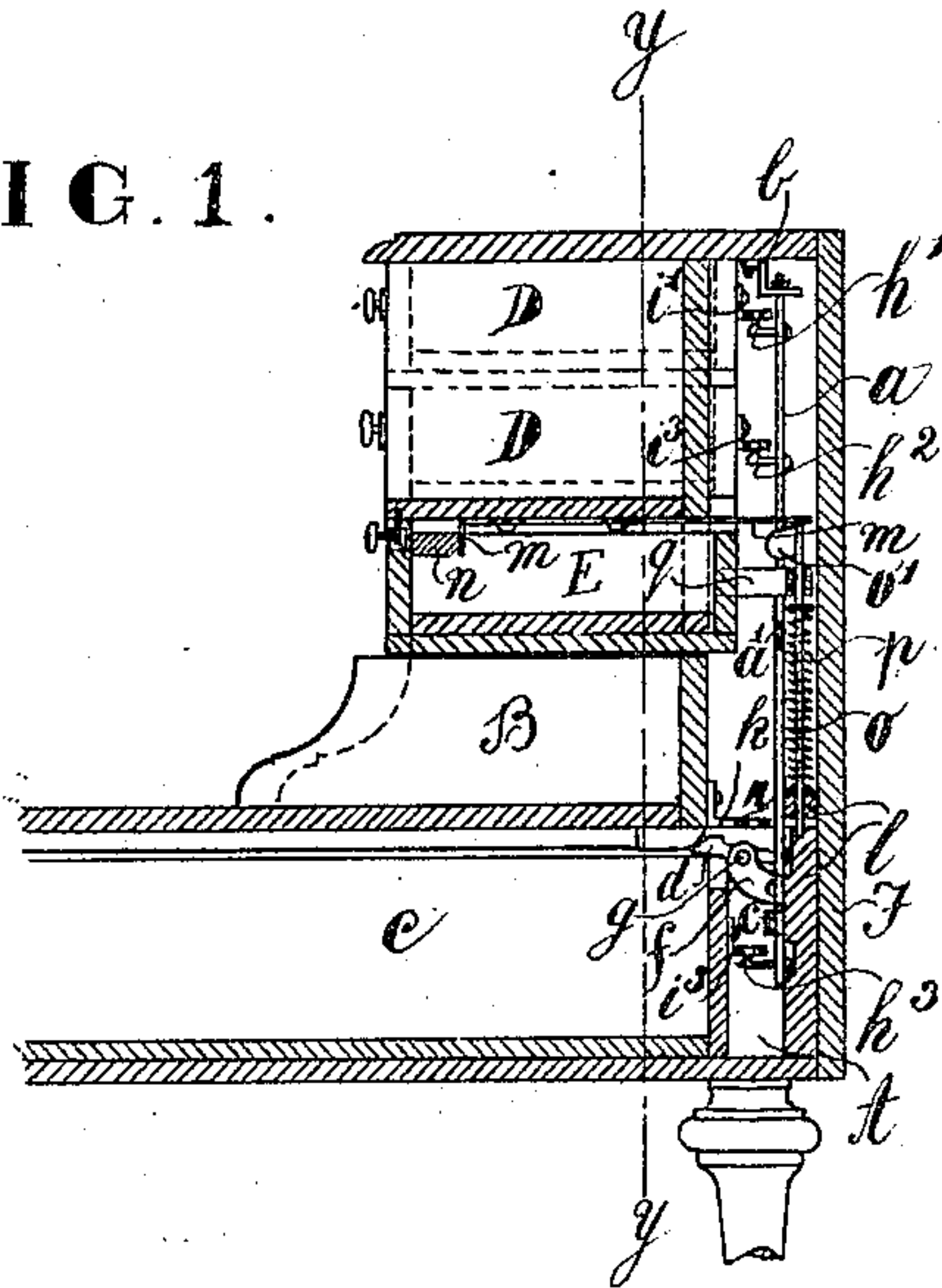
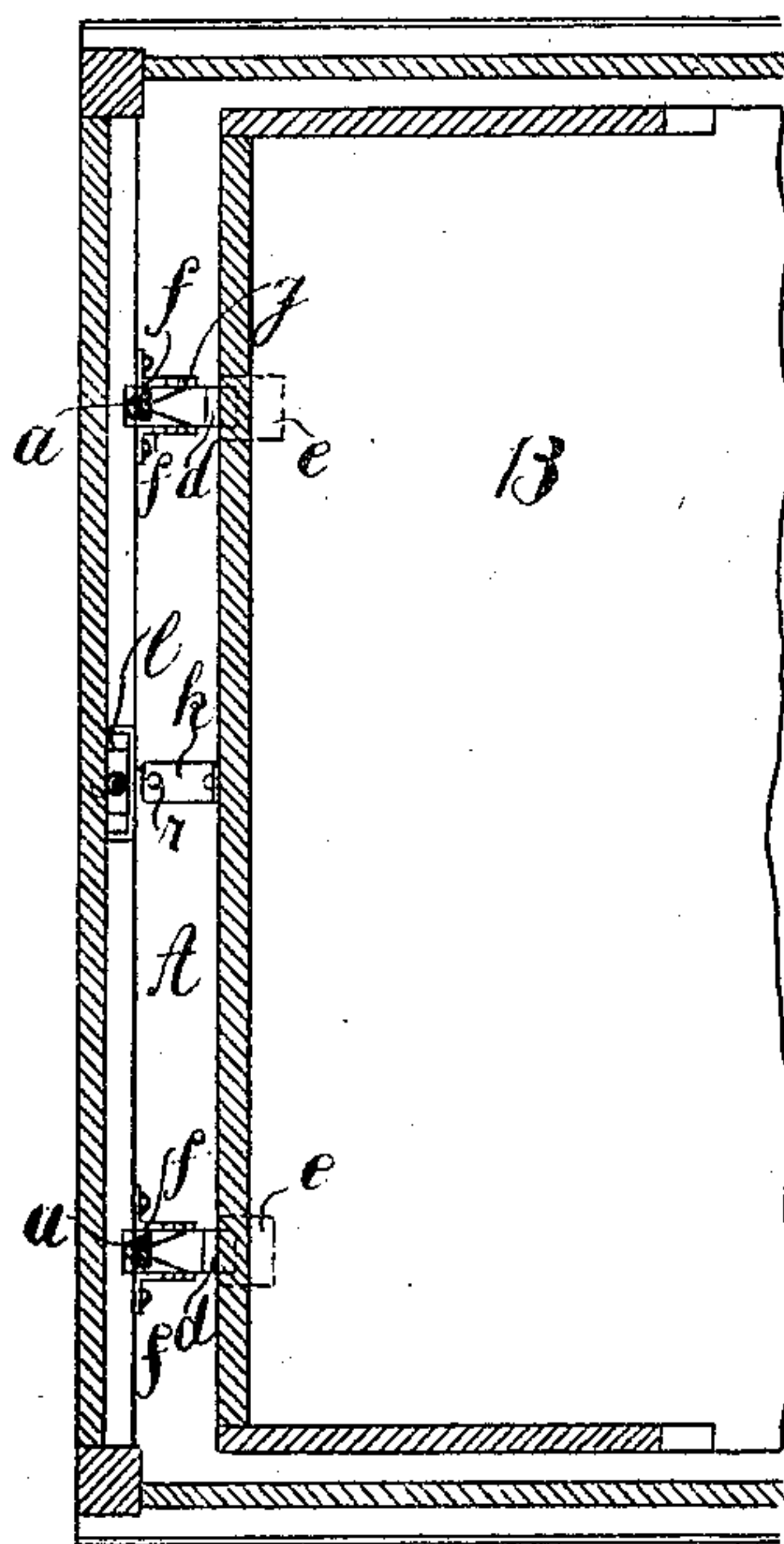


FIG. 3.



WITNESSES.

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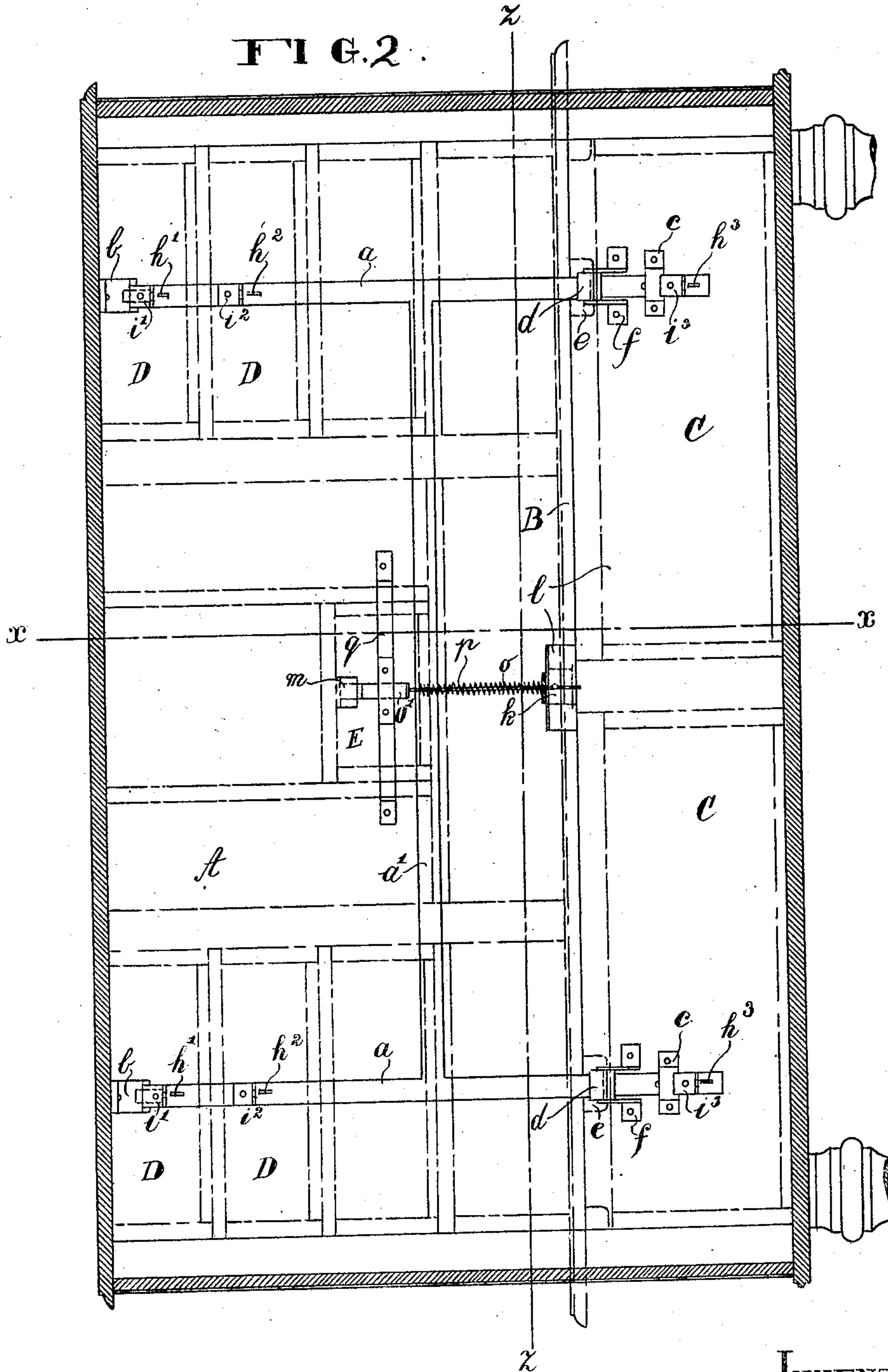
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2 SHEETS—SHEET 2.



WITNESSES.

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UNITED STATES PATENT OFFICE.

CHARLES STEINER, OF ST. LUDWIG, GERMANY.

SECURING DEVICE FOR WRITING-TABLES.

No. 887,141.

Specification of Letters Patent.

Patented May 12, 1908.

Application filed December 13, 1907. Serial No. 406,347.

To all whom it may concern:

Be it known that I, CHARLES STEINER, a subject of the German Emperor; and resident of St. Ludwig, in Alsace, Germany, have invented an Improved Securing Device for Writing-Tables, of which the following is a specification.

The object of the present invention is a securing device for writing tables, in which a number of drawers are simultaneously locked by means of a rod provided with hooks. When the desk provided in the table is pushed in, the hooks catch in eyes provided at the backs of the drawers.

The present invention differs from previous inventions in that the desk which moves the rod with the hooks, is kept closed by a rod actuated by a drawer which is locked by means of a key so that for opening a drawer provided with an eye, it is necessary, after unlocking the locked drawer, to manipulate by hand two sets of releasing devices.

In the accompanying drawing is shown the object of the present invention.

Figure 1 is a section of the writing table on $x-x$ Fig. 2, with the desk drawn slightly out. Fig. 2 shows a front elevation of the securing device, the writing table being a section on $y-y$, Fig. 1, the drawers being shown in strokes and dots. Fig. 3 is a horizontal section on $z-z$ Fig. 2.

The writing table A is provided with a desk B which can be drawn out to the front. Underneath this desk are two drawers C and above it, at both sides of the desk, a number of drawers D. In the upper frame of the table are two movable rods a which are connected together in the known manner by rods a^1 , the upper ends of the rods a being guided in guides b and the lower ends thereof in guides c , fixed to the table. To each rod a , is connected an abutting piece d which is pivotally mounted on a pin j in bearings f fixed to the rod a , which said piece d when pushing back the desk B, is pushed downwards by a sliding piece e fixed to the desk B, thus raising the rods a . To the drawers C and D, are fixed angle irons i^1, i^2, i^3 , which have slots in their horizontal sides.

When the drawers are closed, and the desk B is pushed back, thus raising the rods a , hooks h^1, h^2, h^3 fixed to the rods a , catch into the slots and thus hold the drawers in a locked position. When the desk B is again pulled out, the abutting pieces d are released

from the sliding pieces e , so that the rods a together with the hooks h^1, h^2, h^3 descend so that the drawers can again be opened.

Above the desk B is another drawer E, which is locked by means of a key, by means of which the writing desk and thereby the whole table is kept locked. To the back of the desk, is fixed an angle iron k , whose long, horizontal side is provided with an aperture r and projects when the desk B is in its closed position, into an opening provided in the back wall of the writing table A. Above the back wall l is a rod o , whose upper end is guided in an arm q , and the lower end in the wall l , said end projecting lower than the opening for the angle iron k . The rod o is at its upper end provided with a shoulder o^1 , whose upper surface slopes downwards towards the drawer E.

When the drawer E and the bolt m , which latter projects over the shoulder o^1 , have been pulled out, the rod o is raised by a spring p mounted on the back wall l , thus releasing the angle iron k , and thereby the desk B. Above the drawer E, the bolt m is movably mounted, and when the drawer E is being closed, an abutting piece n fixed thereto pushes the bolt m back so that it slides on the shoulders o^1 , thus pushing down the rod o , so that if the desk B is closed, it passes through the angle iron, thus locking the desk B.

The bolt m can be fixed to the abutting piece n , so that when the drawer E is opened, the bolt is also pulled out, or which is more advantageous, it can be pulled out by hand after the drawer E has been opened, after which the spring p raises the rod o , thus releasing the desk B. The back of the writing table is formed by a wall F so that the various parts for keeping the desk closed, are invisible.

In order to entirely lock the table, the drawer E and the desk B are pulled out, the other drawers are pushed back then the desk is pushed back and then also the drawer E which latter is then locked by means of a key.

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

A securing device for locking tables, comprising in combination, a table, a desk provided in the table, drawers in the table under the desk, drawers at both sides of the desk, a drawer which is locked by a key above the desk, guides fixed to the table, rods connected

by rods guided in the guides, hooks fixed to
the rods angle irons provided with slots fixed
to the drawers, the hooks adapted to catch
in the slots, bearings fixed to the rods, abut-
5 ting pieces pivotally mounted in the bear-
ings, a sliding piece fixed to the desk, a back
wall provided with an opening, at the back of
the table, an arm fixed to the table, a rod
guided in the arm and back wall, spring
10 mounted on the back wall, said spring adapt-
ed to raise the rod, a shoulder provided at the
upper end of the rod, an angle iron provided
with an aperture fixed to the desk, said angle
iron projecting into the opening in the back
15 wall, a movable bolt mounted above the

drawer locked by a key, said bolt adapted to
slide on the shoulder on the rod guided in the
back wall, an abutting piece inside the said
drawer, said abutting piece adapted to push
back the movable bolt, a wall closing the 20
back of the table, substantially as described
and shown and for the purpose set forth.

In testimony whereof I have hereunto set
my hand in the presence of two subscribing
witnesses:

CHARLES STEINER.

Witnesses.

GEO. GIFFORD,
WILHELM BIENZ.