

(No Model.)

2 Sheets—Sheet 1.

W. S. GOODWILLIE.
FURNITURE.

No. 445,777.

Patented Feb. 3, 1891.

Fig. 1.

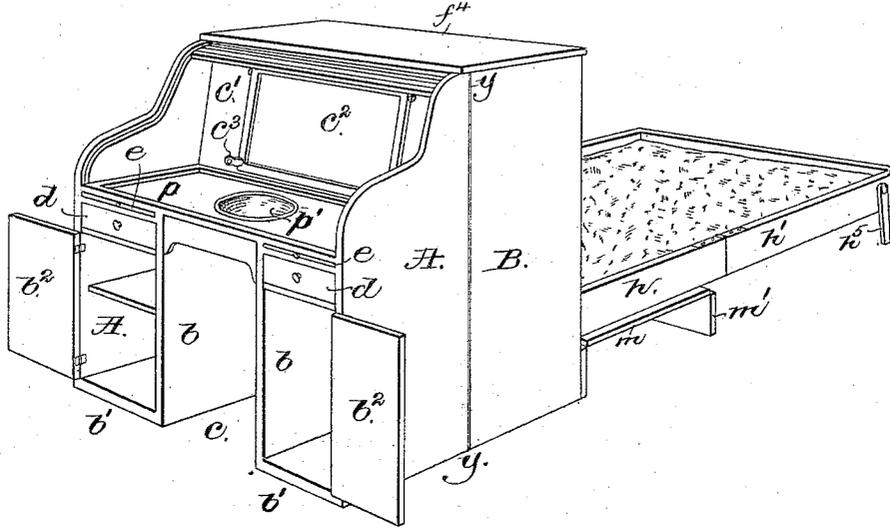
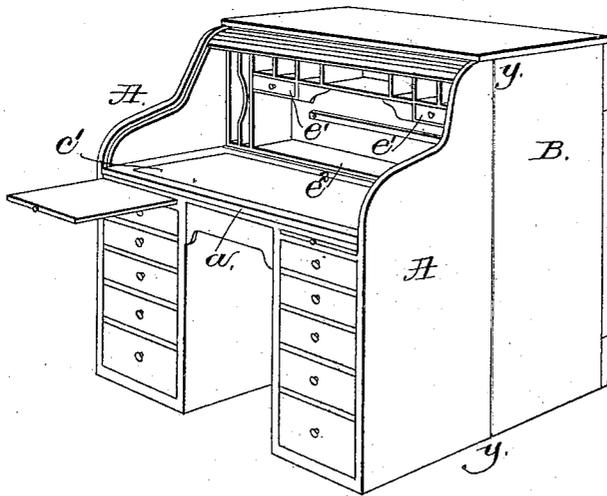


Fig. 2.



Witnesses.

John F. C. Pringle

Fred. S. Greenleaf

Inventor.

Walter S. Goodwillie.

by Lemby & Gregory Attys.

(No Model.)

2 Sheets—Sheet 2.

W. S. GOODWILLIE.
FURNITURE.

No. 445,777.

Patented Feb. 3, 1891.

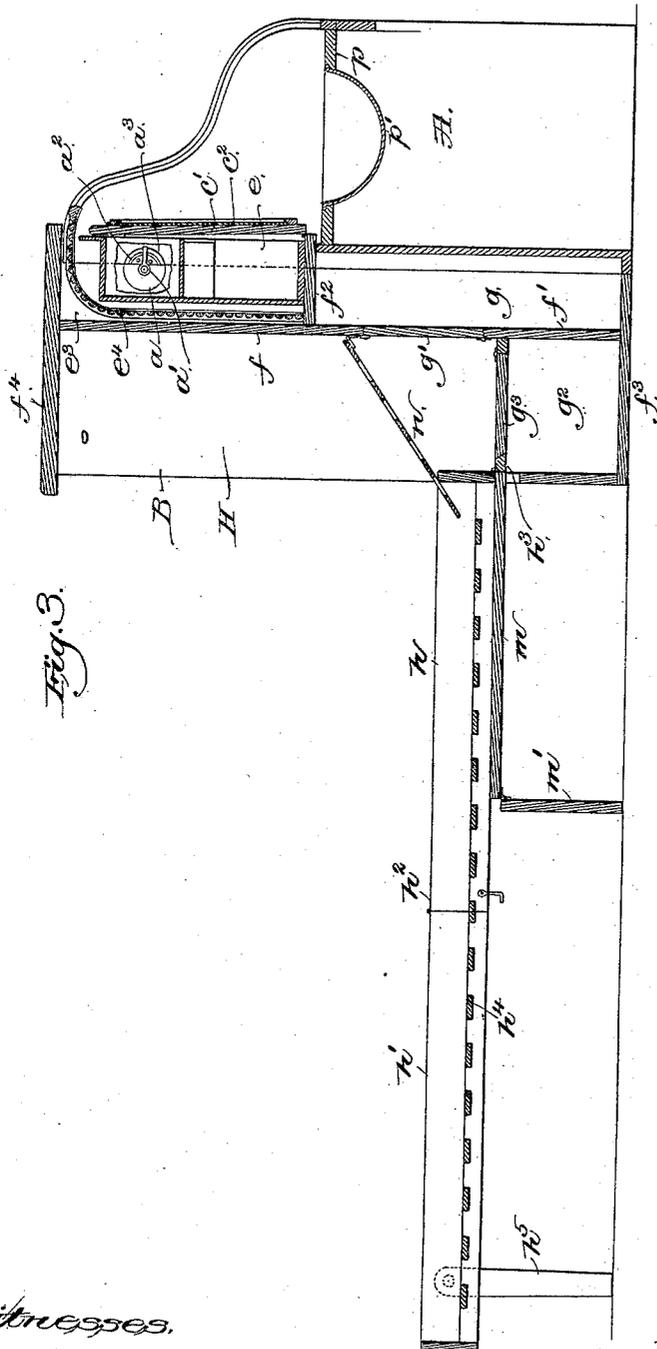


Fig. 3.

Witnesses.

John F. C. Printz
Fred. S. Grant

Inventor:

Walter S. Goodwillie
by Lemmy Gregory
Attys.

UNITED STATES PATENT OFFICE.

WALTER S. GOODWILLIE, OF CAMBRIDGE, ASSIGNOR, BY DIRECT AND
MESNE ASSIGNMENTS, TO CHARLES DIMOND, OF CHELSEA, MASSA-
CHUSETTS.

FURNITURE.

SPECIFICATION forming part of Letters Patent No. 445,777, dated February 3, 1891.

Application filed June 27, 1890. Serial No. 356,934. (No model.)

To all whom it may concern:

Be it known that I, WALTER S. GOODWILLIE, of Cambridge, county of Middlesex, State of Massachusetts, have invented an Improve-
5 ment in Furniture, of which the following description, in connection with the accompanying drawings, is a specification, like letters on the drawings representing like parts.

This invention has for its object the pro-
10 duction of an article of furniture of especial utility for professional men, such as doctors, lawyers, &c., and for office use.

In accordance with my invention I have produced a piece of furniture which, although
15 presenting when closed the appearance of a roll-top desk, is also adapted when opened to be used not only as a desk, but also as a toilet-stand and as a bed, the desk when opened as a bed, which may be quickly done,
20 not taking up more room than an ordinary full-sized bed.

I have also made improvements in the piece of furniture when considered simply as a desk, in that I have made the desk sepa-
25 rable nearly centrally between its front and back and have connected the roll-top cover with the portion of the desk known as the "back," the separation of the desk or the combined bed and desk being of great advantage in handling, as it enables it to be
30 readily and easily carried through an ordinary doorway.

Figure 1 shows a piece of furniture embodying my invention, the same being open
35 to represent the wash-stand and bed phase. Fig. 2 shows the roll-top lifted, as when it is to be used as a desk; and Fig. 3 is a longitudinal central section taken through Fig. 1.

The piece of furniture herein shown will
40 first be considered as a desk, and is composed of like end pieces A A and B B, the end pieces A B at each end of the desk being separated in the line $y y$, the said end pieces being detachably connected by suitable locking devices, one of which is shown in Fig. 3,
45 the said locking device, as herein represented, being of that form commonly used to lock together window-sashes, it consisting of a plate a , secured to an end piece B and having a

hooked lever a' to engage a rib or projection
50 a^2 on a plate a^3 , secured to an end piece A. By turning the levers a' , which are readily accessible through one of the pigeon-hole spaces, the front and back parts or halves A B of the desk may be separated for carriage
55 and without removing any of the contents of the desk.

Instead of the particular locking devices shown, I may employ any other usual or suitable locking device, as the gist of my inven-
60 tion in this particular is not in the form of the locking device or fastening; but in the vertical separation of the desk into a front and back portion, and as an equivalent I might use a bolt, a screw, or a hook and eye.
65

Between the side frames A A, I have arranged a table p , in which, as herein represented, is a pocket for the reception of a wash-bowl p' , and below this table, near each
70 end piece A, I have provided suitable partitions b and bottom boards b' to constitute closets adapted to be closed by doors b^2 , which may be hinged to the end pieces.

The space c left between the closets is for the reception of the feet and legs of the per-
75 son using the piece of furniture as a desk, the desk-board c' being at such time turned down into the position, Fig. 2, to cover the wash-bowl.

The closets in practice may and will receive
80 usual slop-bowl, &c., commonly employed in connection with commodes for bed-room use.

Drawers $d d$ may contain towels, &c. Under the table p I have provided slides e . The under side of the desk-board c' is shown as
85 provided with a mirror e^2 , the frame of which is pivoted to the said desk-board. This mirror, when the desk-board is lifted, may be turned more or less on its hinges to thereby place it at any desired angle. A button c^3
90 may be employed to secure the mirror-frame in its closed position.

Between the end pieces A A, I have placed a frame e^2 , containing a series of pigeon-holes,
95 and drawers e' for the desk, which frame in practice is set into place between the end pieces A A, so as to be easily removable, if desired.

The end pieces BB are connected by panels $f f'$, a cross-tie f^2 , a bottom board f^3 , and a top board f^4 , which is large enough to cover the upper part of the end pieces AA, as in Fig. 3. Between the panel f' and the rear side of the frame e^2 , referred to, is a pocket e^3 for the reception of the roll-top e^4 , the inner end of which abuts against the cross-tie f^2 when the desk is opened as in the drawings. This roll-top is contained in the rear part of the desk, and when the part AA is separated from the part BB the roll-top goes with the back or part BB of the desk.

The pocket or space g , closed by door g' , is for the reception of pillows, blankets, &c., as is also the space g^2 , accessible through the door g^3 .

The large space H at the rear of the back part BB of the desk receives within it the bed-frame, composed, as shown, of two parts $h h'$, hinged together at h^2 , the part h being hinged to a cross-girt h^3 . The parts $h h'$ are adapted for the reception of a mattress of any usual construction which may lie on the slats h^4 or any equivalent bed-bottom. The part h' has suitable legs h^5 , which fold when the bed-frame is folded one part on the other and turned into the space H, the back panel or compound door $m m'$ being then turned up vertically and secured to the end frame BB and top f^4 , so as to conceal the bed. The top part m' of the back panel when turned down acts as a leg to aid in supporting the bed-frame.

In Fig. 2 I have shown the front part as having a series of drawers instead of the closets.

The space H has pivoted in it a bolster-board or head-rest n , which folds up vertically when the bed-bottom is closed.

I claim—

1. The desk composed of back and front portions separable vertically, as described, the front part having a desk-board e' and pigeon-hole frame and the back part having a roll-top, to thus enable the said desk to be separated, as described. 45

2. The desk composed of back and front portions separable vertically, as described, the front part having a movable desk-board, a fixed table-board thereunder for the reception of a wash-bowl, and side closets, and the back part having a roll-top, to enable the desk to be separated, as described. 50

3. The desk composed of back and front portions separable vertically, as described, the front part having a desk-board and a table for the reception of a wash-bowl, and the back part having a folding bed arranged therein, and a roll-top for the front part, substantially as described. 55 60

4. The desk composed of front and back portions separable vertically, as described, the front part having a desk-board and the back part having a roll-top, to thus enable the said desk to be separated, as described. 65

5. The roll-top desk having its back part separable vertically, as described, and a space in said back part for the reception of a folding bed-frame, and a hinged two-part back panel to constitute a bed-frame support when open and having spaces for the reception of bedding, the two-part panel closing the back part when the bed is folded, substantially as described. 70 75

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

WALTER S. GOODWILLIE.

Witnesses:

GEO. W. GREGORY,
S. W. HEULETT.