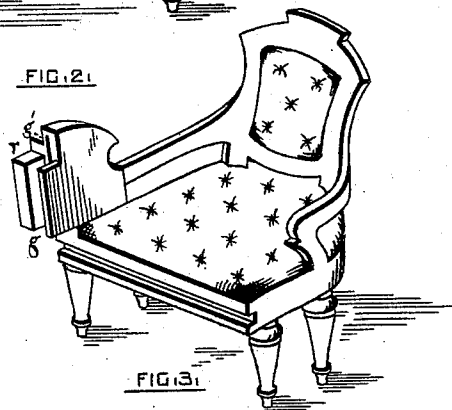
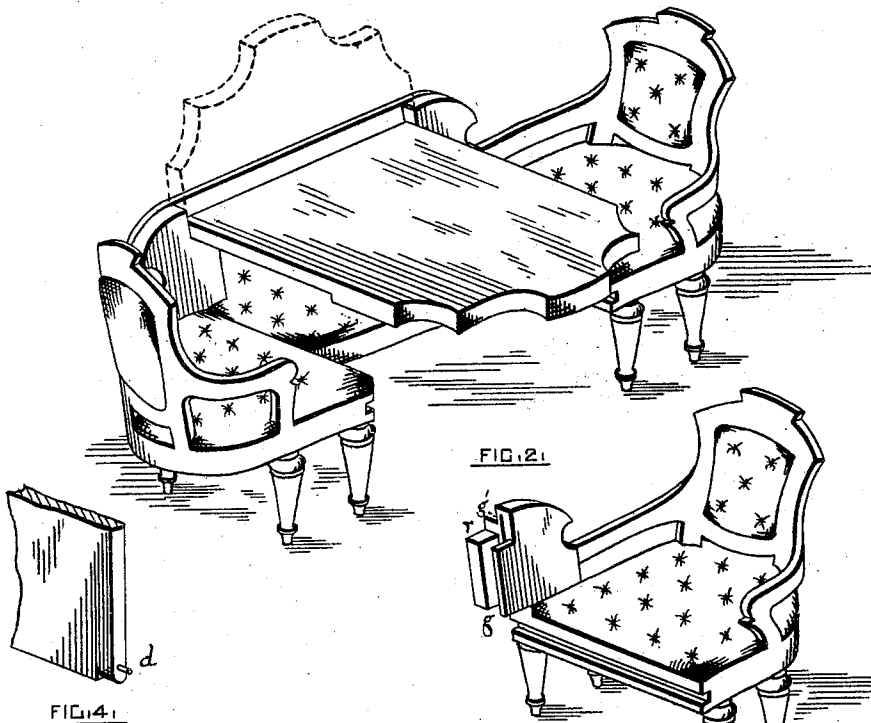
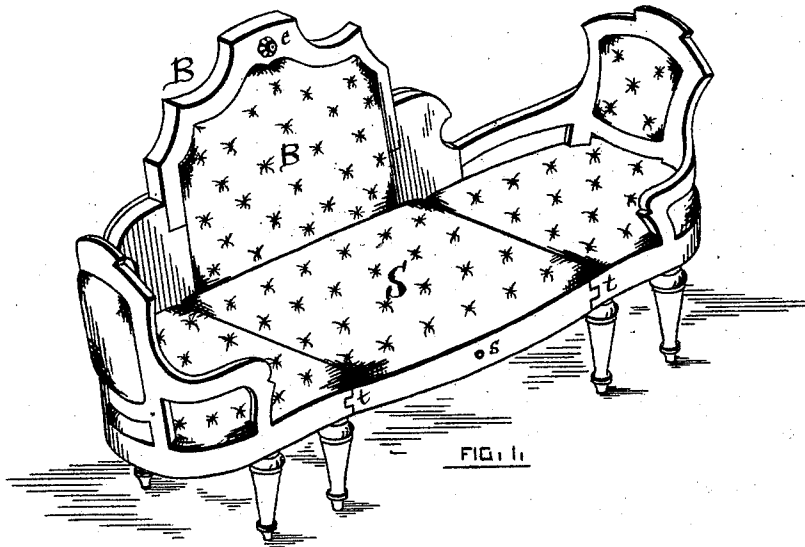


N. M. MACKENZIE.
SOFA.

No. 170,678.

Patented Dec. 7, 1875.



WITNESSES.

O. Lapham
L. W. Wicks

INVENTOR.

N. M. Mackenzie

N. M. MACKENZIE.
SOFA.

No. 170,678.

Patented Dec. 7, 1875.

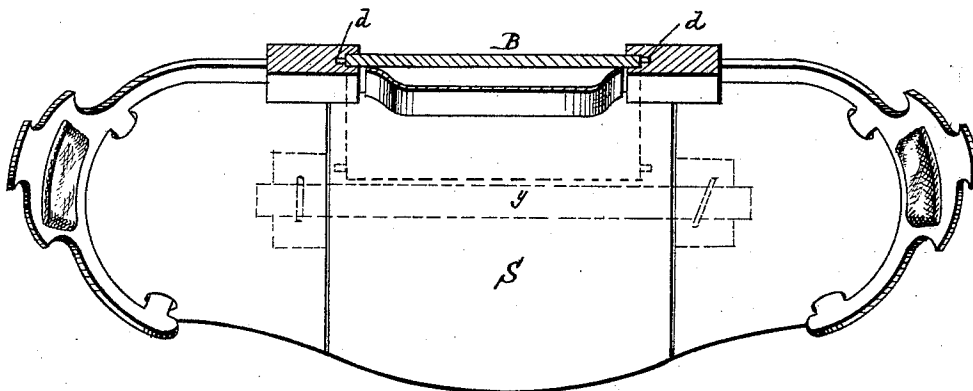
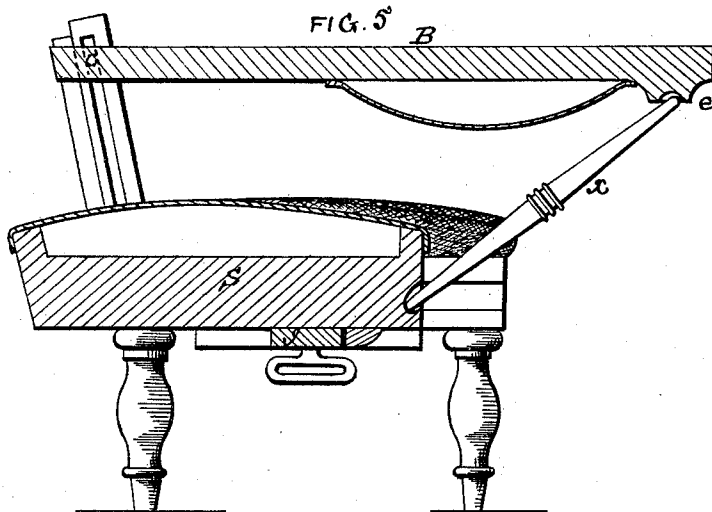


FIG. 6

O. Lapham
S. W. Rockwood

Neil M. Mackenzie

UNITED STATES PATENT OFFICE

NEIL M. MACKENZIE, OF PROVIDENCE, RHODE ISLAND.

IMPROVEMENT IN SOFAS.

Specification forming part of Letters Patent No. **170,678**, dated December 7, 1875; application filed September 27, 1875.

To all whom it may concern:

Be it known that I, NEIL M. MACKENZIE, of the city and county of Providence, in the State of Rhode Island, have invented a new and useful Improvement in Sofas, for household use, which improvement is fully set forth in the following specification, reference being had to the accompanying drawings.

My invention consists in constructing a sofa in several parts, so arranged and combined that they are capable of being applied to various useful and convenient purposes, according to circumstances, in addition to the ordinary uses of a sofa.

A central piece in the back of the sofa is arranged to slide up and turn down across the middle of the seat to a horizontal position where it is supported at each end, forming a table. The central portion of the seat is slid back to enable an occupant of each end of the sofa to sit facing the table, the two ends or seats remaining stationary, and being held together by strips reaching from one to the other, in such a position as not to interfere with the occupants of the seats. Another change is to convert the two ends of the sofa into two easy-chairs, by removing entirely the central portions of the seat and back above referred to, and disengaging the other connecting parts.

In the accompanying drawings, Figure 1 is a view of my invention, with the parts arranged for use as an ordinary sofa. Fig. 2 represents the central sliding portion of the back, arranged as a table across and above the central portion of the seat, the middle portion of the seat being drawn back. Fig. 3 represents one end of the sofa detached for use as an easy-chair. Fig. 4 is a section of the sliding back, showing a dowel-pin near the bottom, which runs in a groove, and helps to keep the table in position.

B is the movable or sliding section of the back of the sofa, which is moved up and down in grooves *g*. At the back of the groove *g* is a narrower groove, *g'*, to receive the dowel-pin *d*. This latter groove extends a little above the sides of groove *g*, to allow the back to fall forward, after being drawn up, and rest with its lower end on the top of these sides, with the dowels or journals in their grooves. This table-rest is shown at *r*, Fig. 3. The other end of the table is supported by one or more legs or braces. A single rod, *x*, with one end placed in the center of the

rosette *c*, and the other in a recess or step, *s*, as shown in Fig. 5, will be sufficient. This rod, when not in use, may be slipped into a loop on the under side of the sofa, so that it may be always at hand.

Instead of such a support as described, ornamental pieces may be hinged to the front part of the back near the top, to be used as braces or supports, when the back is converted into a table. The height of the table above the seat can, of course, be controlled by the construction.

S is the central section of the seat, constructed to slide either backward or forward, by means of tongues and grooves, shown at *t*, Fig. 1, the grooves also appearing in Figs. 2 and 3.

The connecting strip or strips which fasten the ends of the sofa together extend across the bottom and back, and are held by thumb-screws, so as to be readily detached. Such a connecting rod or strip is shown at *y*, in section, Fig. 5, and in dotted lines, Fig. 6, which is a plan of the sofa, with the central movable portion of the back in horizontal section.

When these strips are removed, and the central portions B and S taken out, there remain two easy chairs, which are portable, and can be placed in any part of a room to be used as such, each having four legs, or they can be brought together, so as to form a less extended sofa.

What I claim as new, and desire to secure by Letters Patent, is—

1. A sofa, the back of which is constructed with a central section, B, that can be drawn or slid up, and laid transversely across and above the seat in a horizontal position, substantially as and for the purposes set forth.

2. A sofa, having a seat provided with a central section, S, movable forward or backward, as described, and a back provided with a central movable section, B, substantially as set forth.

3. A sofa, composed of four principal parts, viz: the movable central back-section, the movable central seat-section, and the two end chairs or sofa sections, arranged together as described, and capable of separation, substantially in the manner and for the purposes specified.

Witnesses: NEIL M. MACKENZIE.
O. LAPHAM,
L. O. ROCKWOOD.