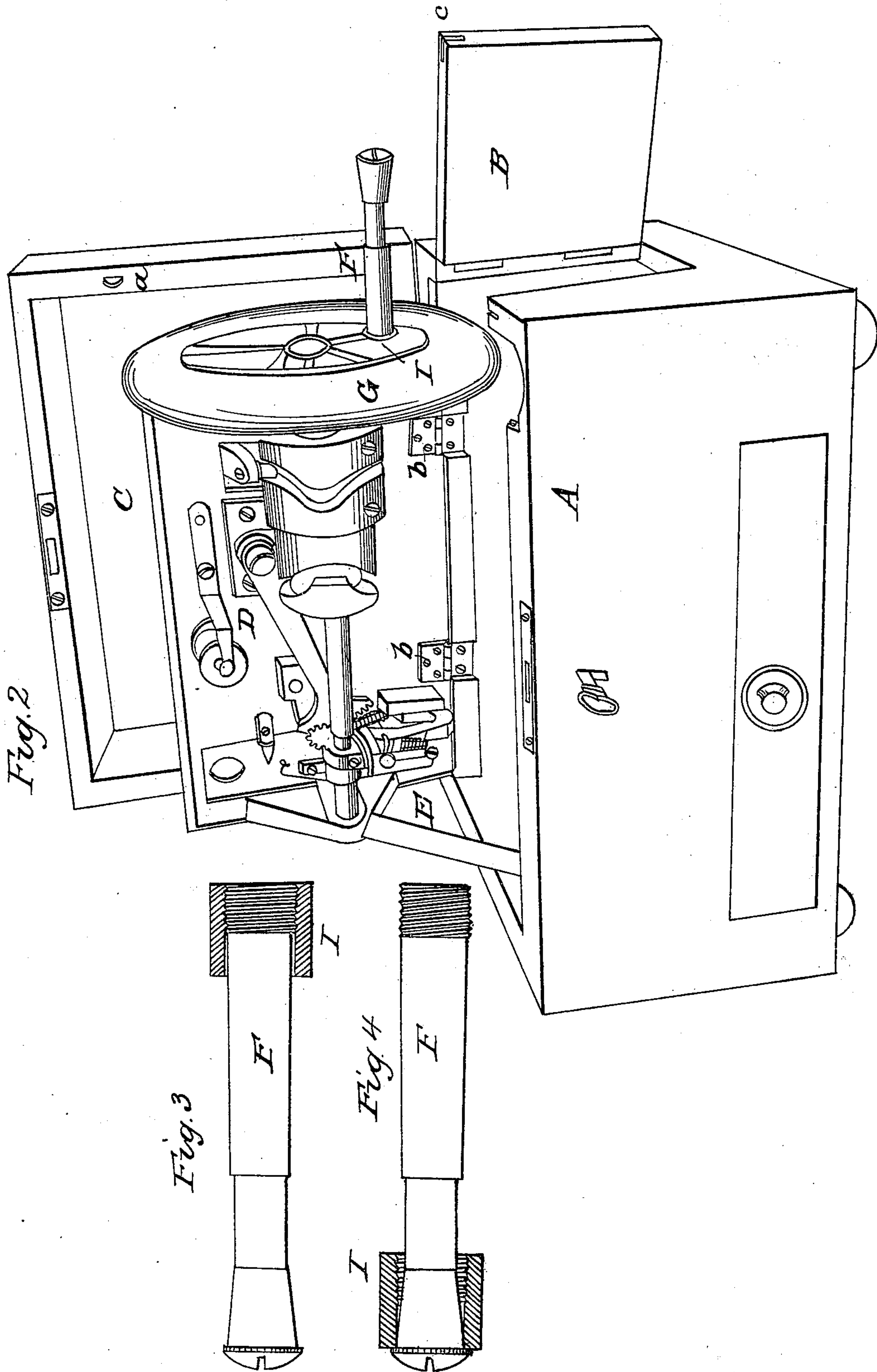


W. O. GROVER.
Sewing Machine.

No. 14,956.

Patented May 27, 1856.



UNITED STATES PATENT OFFICE.

WILLIAM O. GROVER, OF BOSTON, MASSACHUSETTS.

IMPROVEMENT IN CASES FOR SEWING-MACHINES.

Specification forming part of Letters Patent No. 14,956, dated May 27, 1856.

To all whom it may concern:

Be it known that I, WILLIAM O. GROVER, of Boston, in the county of Suffolk and State of Massachusetts, have invented a new and useful Improvement in Cases for Sewing-Machines, of which the following is a full, clear, and exact description, reference being had to the annexed drawings, making part of this specification, in which—

Figures 1 and 2 are perspective views; Figs. 3 and 4, details which will be referred to hereinafter.

My invention consists in arranging a box for a sewing-machine so that it may serve either to inclose and protect the machine or as a stand upon which it may be operated, the machine being hinged to the box to facilitate oiling and repairs without removing it from the box, and the handle being so adapted and secured that it may be pushed out of or returned into the box without being separated from the machine.

To enable others skilled in the art to understand my invention, I will proceed to describe the manner in which I have carried it out.

The details of the sewing-machine do not differ from those of other machines, and will not therefore be described.

In the accompanying drawings, A is the box, in one end of which is the door B, which, when shut, is locked by the closing of the cover C, the metallic piece *a* entering at the same time a slot, *c c'*, cut in the box and cover.

To avoid the necessity of removing the machine from the box whenever it is necessary to oil it, and to prevent the dropping of the oil upon the furniture and clothes, the operating parts of the machine are all secured to the bed-plate D, which is hinged to the back of the box at *b b*. In Fig. 2 the machine is seen turned up and supported by the prop E, in which position all the operating parts are exposed to view, and may be oiled without the necessity of removing the machine from the

box for the purpose. The furniture and clothes are thus protected from the oil which drops from the machine. It is necessary that the handle F project outside of the box, as seen in Fig. 1, whenever the machine is in operation. It is also desirable, when the box is to be closed, that the handle should be inclosed within it, and in order to effect this without removing it from its position I have adopted the following method of securing it to the fly-wheel G:

H is a right-hand screw, which is tapped into a corresponding female, I, in the fly-wheel.

When the machine is to be operated, the handle is drawn out and secured to the fly-wheel, as seen in Figs. 1, 2, and 3. When the box is to be closed, the handle is unscrewed and pushed into the box through the fly-wheel, the handle itself being made smaller than the screw, for the purpose as seen in Fig. 4. The door B may then be shut and the cover closed and locked. The whole is thus secured from the dust or injury, and may be transported from place to place without the necessity of previously securing it within a packing-box.

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

Arranging a box or case for a sewing-machine substantially in the manner described, so that when open the box shall constitute the bed for the machine to be operated upon, and hanging the machine thereto to facilitate oiling, cleansing, and repairs without removing it from the box, and the peculiar adaptation of the handle, so that it may be pushed out when required to drive the machine, and when returned within the box shall serve to prevent motion of the parts while the machine is being transported, as set forth.

WM. O. GROVER.

Witnesses:

SAM. COOPER,
JOHN S. CLOW.