

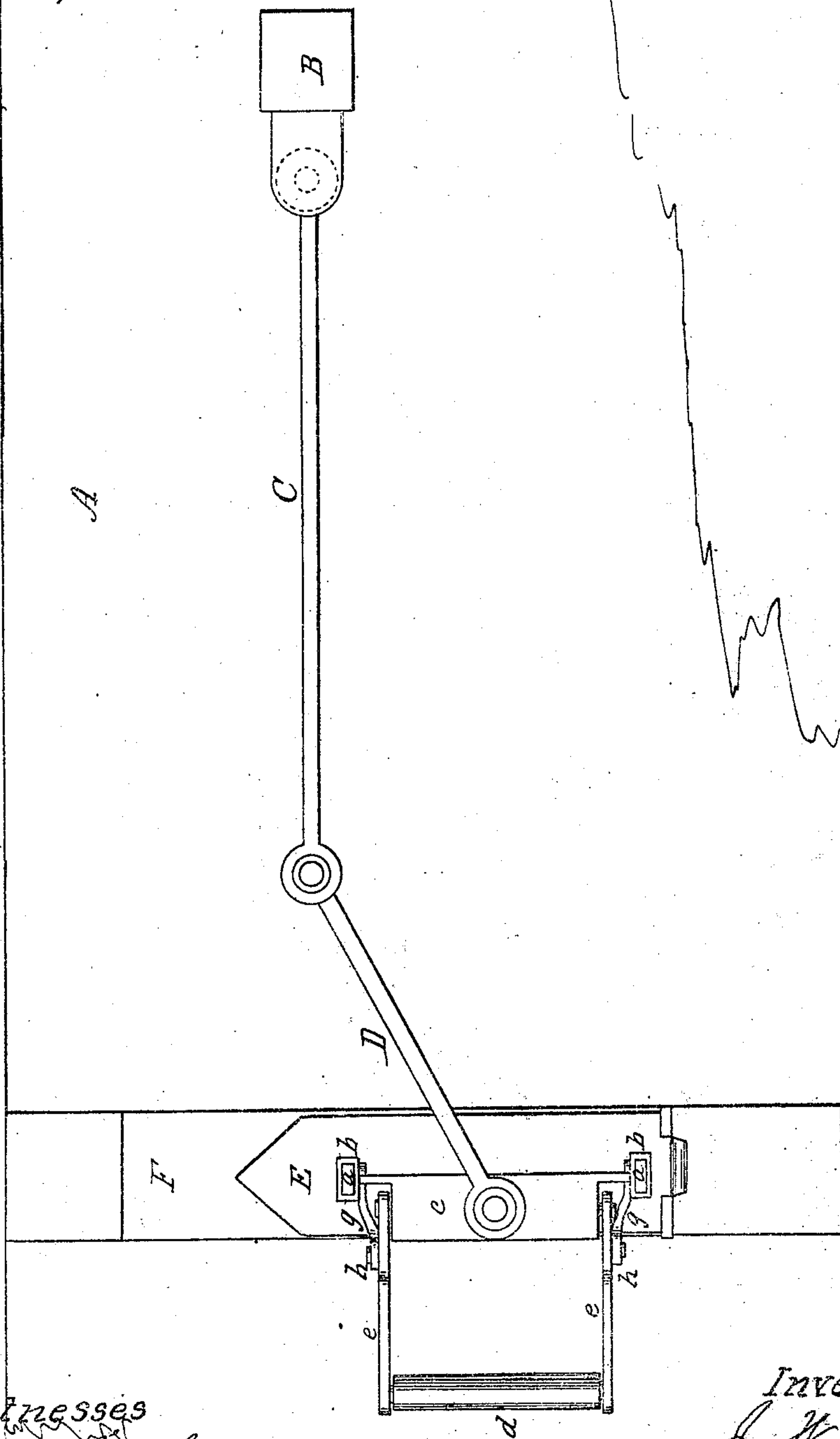
J. W. Thorp.

Pressing Mach.

N<sup>o</sup> 62900

Patented Mar. 12. 1867

Fig. 2.



Witnesses

T. A. Jackson

J. A. Service

Inventors

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# United States Patent Office.

JOSEPH W. THORP, OF SANBORNTON BRIDGE, NEW HAMPSHIRE.

*Letters Patent No. 62,906, dated March 12, 1867.*

## IMPROVEMENT IN IRONING MACHINES.

*The Schedule referred to in these Letters Patent and making part of the same.*

### TO ALL WHOM IT MAY CONCERN:

Be it known that I, JOSEPH W. THORP, of Sanbornton Bridge, in the county of Belknap, and State of New Hampshire, have invented a new and useful Improvement in Tailors' Pressing Machines; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a side view of the machine.

Figure 2 is a plan or top view of the same.

Similar letters of reference indicate like parts.

This improvement consists in an arrangement of levers and slides, in connection with the handle of a tailor's goose, suspended upon a crane, whereby the operator can impart with the hand any desired amount of pressure upon the cloth, or relieve it of pressure entirely, by simply raising or lowering the hand, without the employment of a spring or catch of any kind whatever.

A represents a supporting base; B, an upright, in which is hung a crane, C, connected by an adjustable swinging arm, D, with a goose, E, mounted upon a platform or table, F, all of which parts are constructed in any suitable manner, and form no part of my invention proper, which relates wholly to the arrangement for controlling and managing the goose in the operation of pressing. On the top of each end of the goose E are fastened two upright guides *a a*, upon which are fitted slides *b b*, connecting with a supporting-bar, *c*, that runs horizontally between the guides *a a*, and is suspended by a swivel-joint to the end of the adjustable arm D. The handle *d* has two side-pieces *e e*, the ends of which are pivoted to the ends of the supporting-bar *c*. Connecting-rods or links *g g* are pivoted at one end to the side-pieces *e e*, and at the other end to the foot of the guides *a a*; and the connection of the links *g g* with the side-pieces *e e* is such that their points of junction *h h* are the fulcrum by which the side-pieces *e e* act as levers for raising and lowering the supporting-bar *c*, which moves up and down, with the slides *b b*, on the guides *a a*, when the handle *d* is depressed or elevated by the hand of the operator. It will be observed that with this arrangement of the handle the press-iron is completely under the control of the operator, and that when the iron is moved over the cloth the desired amount of pressure may be readily imparted by simply bearing upon the handle, without the extraneous aid of springs; and that the iron will remain suspended when the handle is elevated independently of a spring or catch, usually employed for this purpose.

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

The compound levers *e h g*, provided with handle *d*, the end of levers *e e* being pivoted to bar *c*, which is connected to swinging arm D by a swivel-joint, and the end of levers *g g* being connected to the guides *a a*, which slide in sleeves *b b*, in combination with the iron E, the whole operating substantially as described and for the purpose specified.

The above specification of my invention signed by me this third day of September, 1866.

JOSEPH W. THORP.

Witnesses:

RUFUS E. HILLIARD,

ELLIOTT G. THORP.

