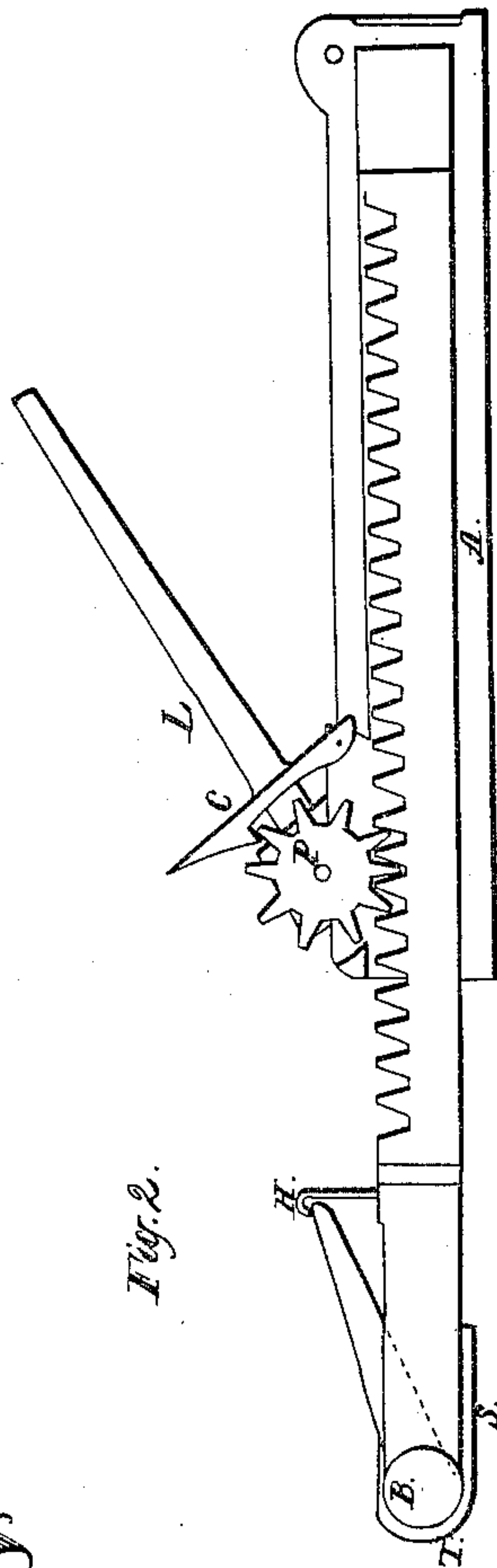
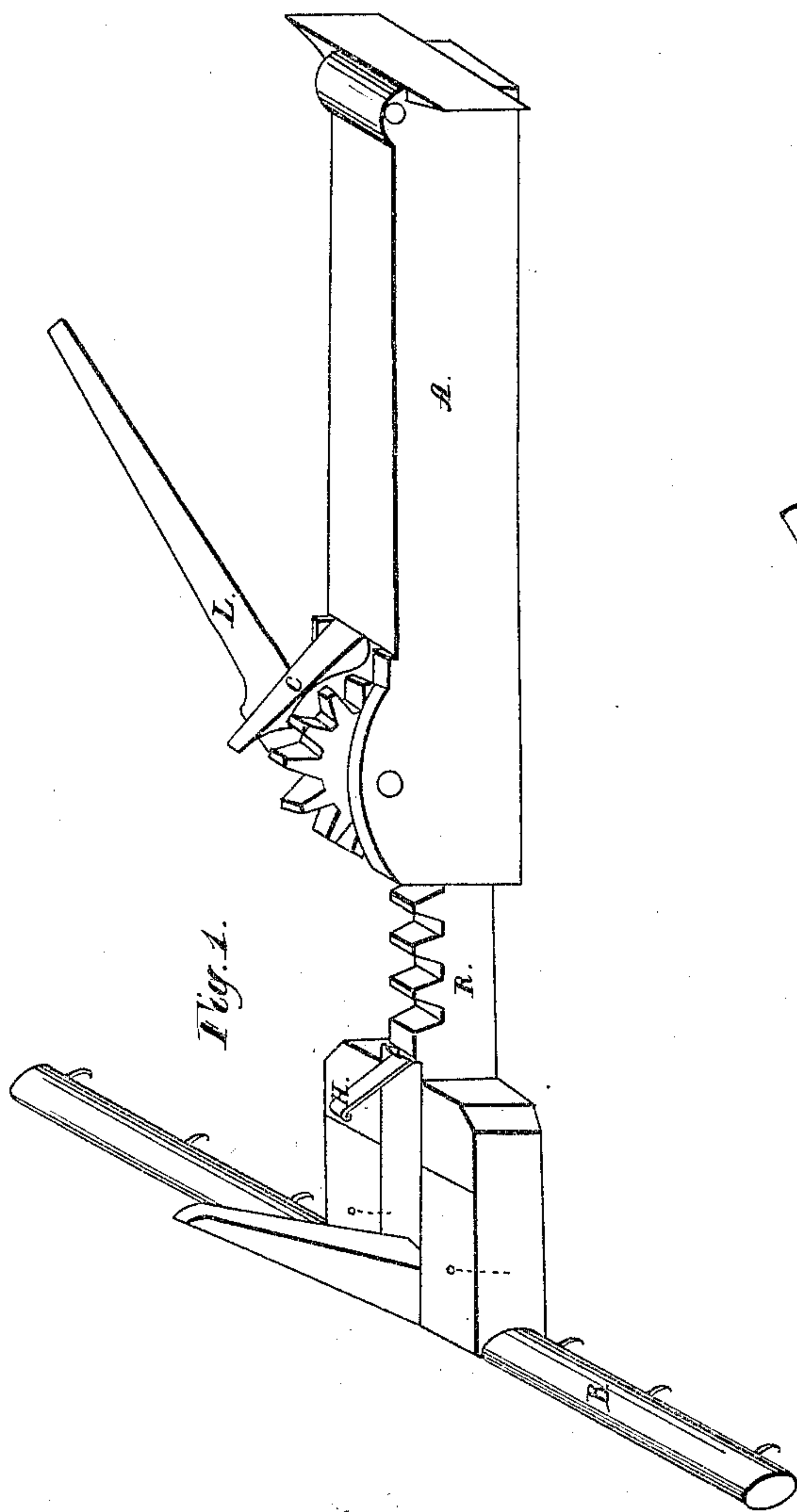


J. W. Weatherby,

Carpet Stretcher.

N^o 10,143.

Patented Oct 18, 1853.



UNITED STATES PATENT OFFICE.

J. W. WEATHERBY, OF KINGSVILLE, OHIO.

CARPET-STRETCHER.

Specification of Letters Patent No. 10,143, dated October 18, 1853.

To all whom it may concern:

Be it known that I, J. W. WEATHERBY, of Kingsville, in the county of Ashtabula and State of Ohio, have invented a new and useful Improved Machine for Laying Down Carpets; and I hereby declare the following to be a full and clear description thereof, reference being had to the drawings herewith presented, which drawings constitute a part of said description.

The nature of my invention consists in applying a combination of simple, convenient and efficient devices or parts of machinery whereby the difficulty and labor of laying down carpets is entirely obviated.

The purpose is effected in a manner more perfect and more expeditious, both with ease and accuracy.

The great saving of labor by this machine is the object of the invention.

A machine had been recently constructed by me and used for the purpose, which being liable to some little inconvenience that might occur at times, some additional parts have in the present been added whereby the machine is rendered more perfectly convenient, effecting a still further saving of time and labor. See the drawing.

Figure 1 is a perspective view of the whole machine. Fig. 2 is a side view of a vertical section showing the rack (R) and the pinion (P). It is turned by the winch (L) and is locked by the catch (C) so as to keep the rack out to its place while the carpet is being fastened.

Fig. 1 (A) is the stock in which the rack slides. It may be made of wood or metal. The rack and pinion and catch should be of metal. (B) is the rolling head attached at right angles to the rack, turning easily in the clasps (S), and is turned by the arm (J.) In the under side of this roller is placed a row of hooked teeth (T T T) seen at Fig. 1. The object of this rolling head is

to enable the operator to let go and take new hold of the carpet without lifting or removing the machine from its place, which could not be done without the rolling movement which unhooks the teeth.

When I use this machine, having fastened one corner of the carpet in its place, I insert the teeth in the opposite end of the carpet and place the end of the stock against a board reaching the opposite side of the room. By turning the pinion push out the rack with force and regularity and hold the carpet to any desired tension until one whole side and one end is secured by tacks, and then locking another breadth proceed in like manner. It may happen that in order to make the figures match with each other exactly, it will be necessary to stretch certain parts more or less, and therefore it is desirable to let go and to take hold in different places or parts, and this is easily effected by rolling the head, unhooking the teeth, and without lifting the machine from its place. By this means the carpet is brought to its place and its figures are made to correspond without difficulty.

I do not claim the invention of rack and pinion or any of these parts separately of themselves, but the general construction and the arrangement by which I am enabled to save much time and labor and also to perform the object in a more perfect manner than it can be done in the usual way.

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

The general construction and arrangement of the carpet stretcher, made and operated as above described.

In testimony whereof I hereto subscribe my name in presence of two witnesses.

J. W. WEATHERBY.

Witnesses:

N. F. CONE,

ORLANDO LUCE.