

P. O'CONNOR.
NEWSPAPER ADDRESSING MACHINE.

No. 114,032

Patented Apr. 25, 1871.

Fig. 1.

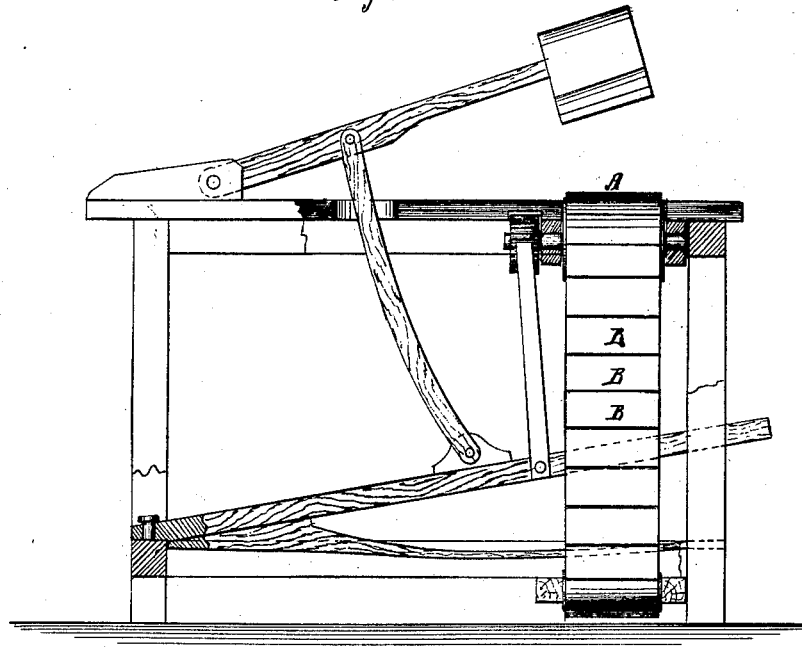


Fig. 2.

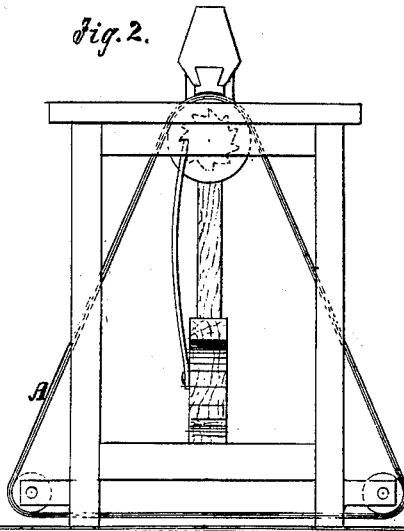
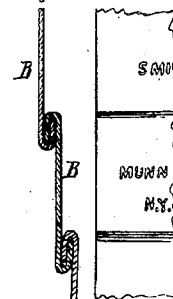


Fig. 3.



Witnesses:

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PATRICK O'CONNOR, OF YOUNGSTOWN, OHIO.

Letters Patent No. 114,032, dated April 25, 1871.

IMPROVEMENT IN NEWSPAPER-ADDRESSING 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, PATRICK O'CONNOR, of Youngstown, in the county of Mahoning and State of Ohio, have invented a new and useful Improvement in Stencil-Plate Belt and Stencil-Printing; 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 drawing forming part of this specification.

This invention relates to improvements in machines for printing addresses on newspapers and other mail matter; and

The invention consists in the construction of the belt, as hereinafter described and claimed.

In the accompanying drawing—

Figure 1 represents a side elevation of a machine by means of which I am enabled to apply my invention.

Figure 2 is an end elevation of the same.

Figure 3 represents the manner in which the stencil-plate belt is formed.

Similar letters of reference indicate corresponding parts.

In this example of my invention I show an endless belt as being moved around rollers by means of a ratchet and pawl actuated by a spring foot-lever or treadle, the impression being given by a hammer as the plates of which the belt is composed pass over the upper or bed-roller.

A represents the stencil-plate belt, and

B the separate plates, in which the name or address is cut, of which the belt is composed.

The manner in which the plates are joined together for forming the belt is seen in fig. 3. They are locked together at their ends without riveting or other fastening. The friction produced between the parts by this lock is sufficient to keep them in place, while any one plate may be slipped out, and a blank plate or a plate with a different name or address put in its place.

This belt may be made endless, as seen, or it may be in the ribbon form, with each of its ends attached to a pulley or roll, so that while it is moved and wound around one pulley it will unwind from the other pulley, and *vice versa*.

By means of a belt constructed of stencil-plates in this manner the name and address of subscribers to a newspaper may be printed or impressed on the paper in the most rapid manner, and changes in the name and address of any one plate in the belt may be made with perfect ease.

Addressing newspapers, periodicals, &c., is the use for which this belt is more especially intended. I do not confine myself to that exclusively, but design to use it for all the purposes to which it is applicable.

Having thus described my invention,

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

The belt A, constructed of stencil-plates, which are locked together in the particular manner shown and described.

PATRICK O'CONNOR.

Witnesses:

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