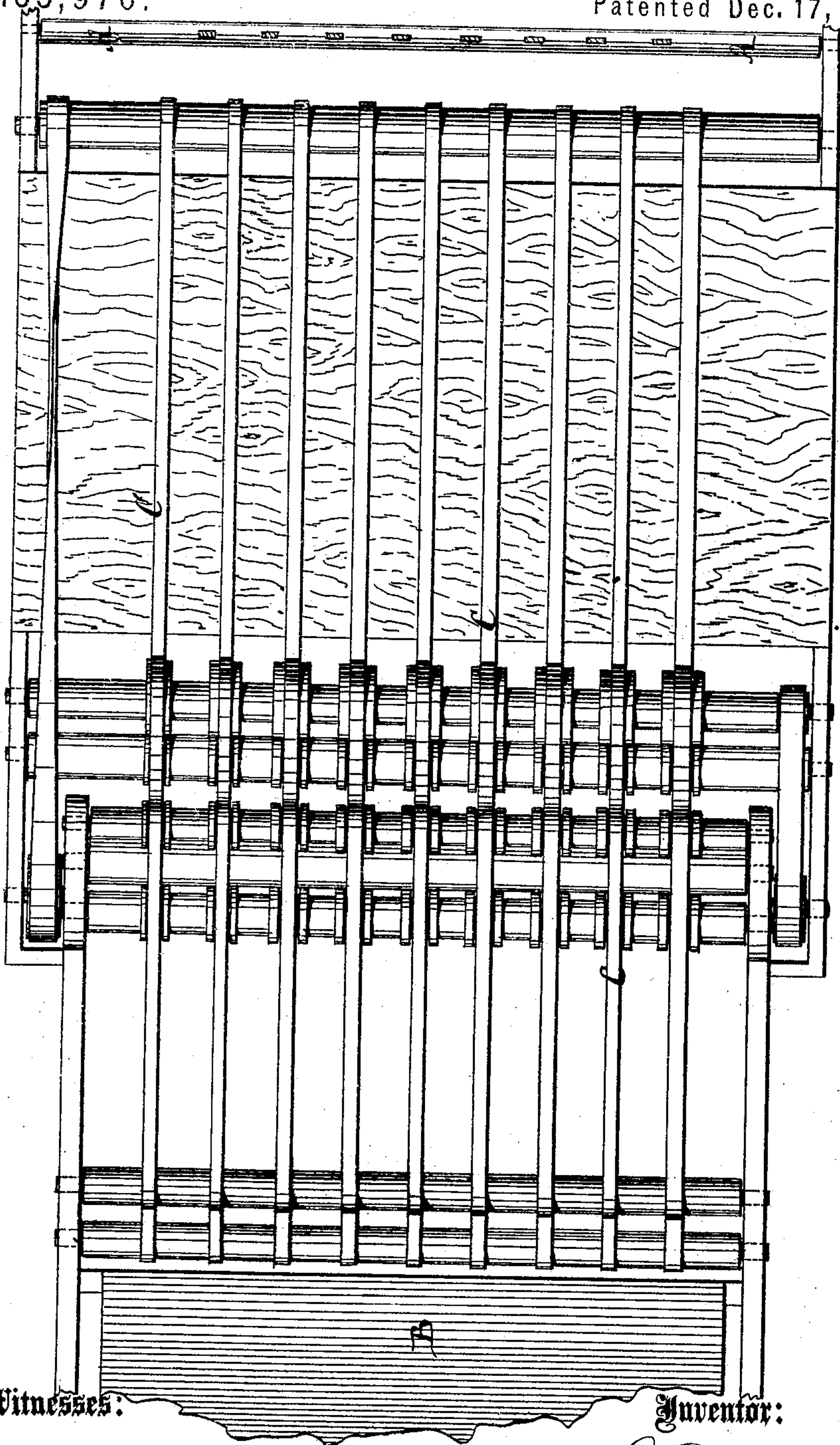


E. L. FORD.  
Combined Printing-Press and Folding Machine.  
No. 133,976.

2 Sheets--Sheet 1.

Patented Dec. 17, 1872.

Fig. 1.



Witnesses:

A. Benneken  
C. Sedgwick

Inventor:

E. L. Ford

PER

M. L. L.  
Attorneys.

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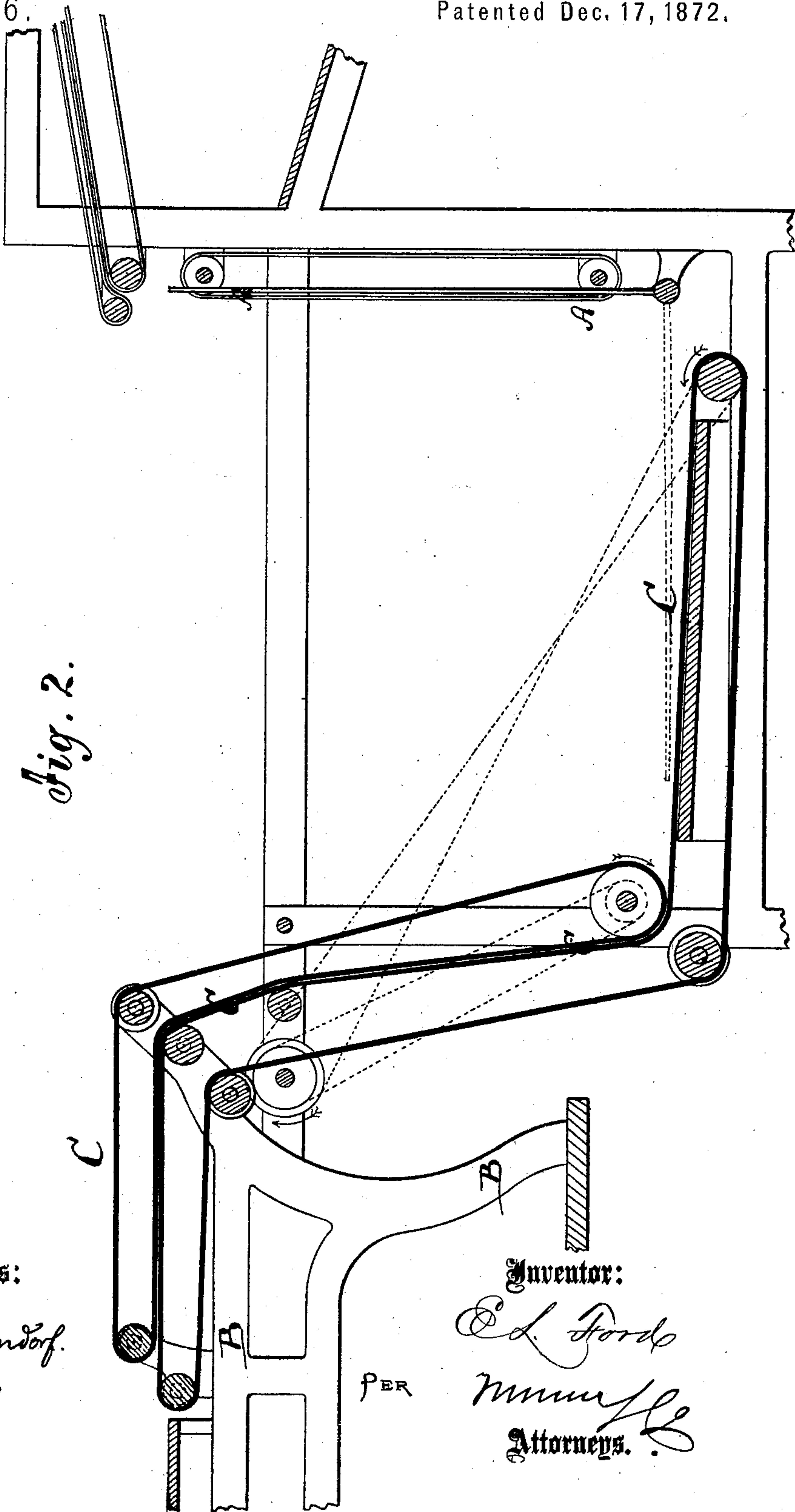


Fig. 2.

Witnesses:

A Bennekenhof.  
C. Sedgwick

Inventor:

E. L. Ford  
Munn & Co.  
Attorneys.

PER



# UNITED STATES PATENT OFFICE.

EDWARD L. FORD, OF NEW YORK, N. Y.

## IMPROVEMENT IN COMBINED PRINTING-PRESS AND FOLDING-MACHINE.

Specification forming part of Letters Patent No. **133,976**, dated December 17, 1872.

*To all whom it may concern:*

Be it known that I, EDWARD L. FORD, of the city, county, and State of New York, have invented a new and Improved Combined Printing-Press and Folding-Machine, of which the following is a specification:

Figure 1 represents a top view, and Fig. 2 a longitudinal vertical section, of my improved combined press and folding-machine.

Similar letters of reference indicate corresponding parts.

The object of this invention is to produce a direct connection between a printing-press and a paper-folding machine, to avoid the labor of conveying the papers by hand or other separate apparatus from the one to the other, and the consequent loss of time. The invention consists in the use of tape carriers, which are combined with the press and the folding-machine so that the flier of the press will deposit the papers upon said tapes instead of on the ordinary tables, the papers being thence, by and upon the tapes, conveyed to the folding apparatus, and there folded as rapidly as they are printed.

In the drawing, the letter A represents the flier of a printing-machine of suitable kind and construction. B is part of the frame of a paper-folding machine of suitable construction. C C are tapes, arranged between the printing-press and the folding-machine in such manner and position that the papers printed on the

press will, by the flier A, be deposited on the tapes C as on an ordinary table.

The tapes receive rotary motion, so that they will convey the papers deposited upon them to the folding-machine with such speed that the papers delivered by the flier successively will clear each other and be folded as quick as they are printed.

Whenever it is desired not to fold the papers printed, the motion of the tapes C may be arrested, and the papers then delivered on said tapes, but retained thereon as on a stationary table.

The invention is also applicable to presses having no fliers, but other delivering appliances.

I do not claim herein anything in the invention of printing-presses or folding-machines, but only their connection by an intervening automatic conveyer, by the introduction of which the cost and time of folding papers will be considerably reduced.

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

The automatic conveyer C, arranged between and combined with a printing-press and folding-machine, substantially as and for the purpose herein shown and described.

Witnesses: EDWARD L. FORD.

A. V. BRIESEN,  
T. B. MOSHER.