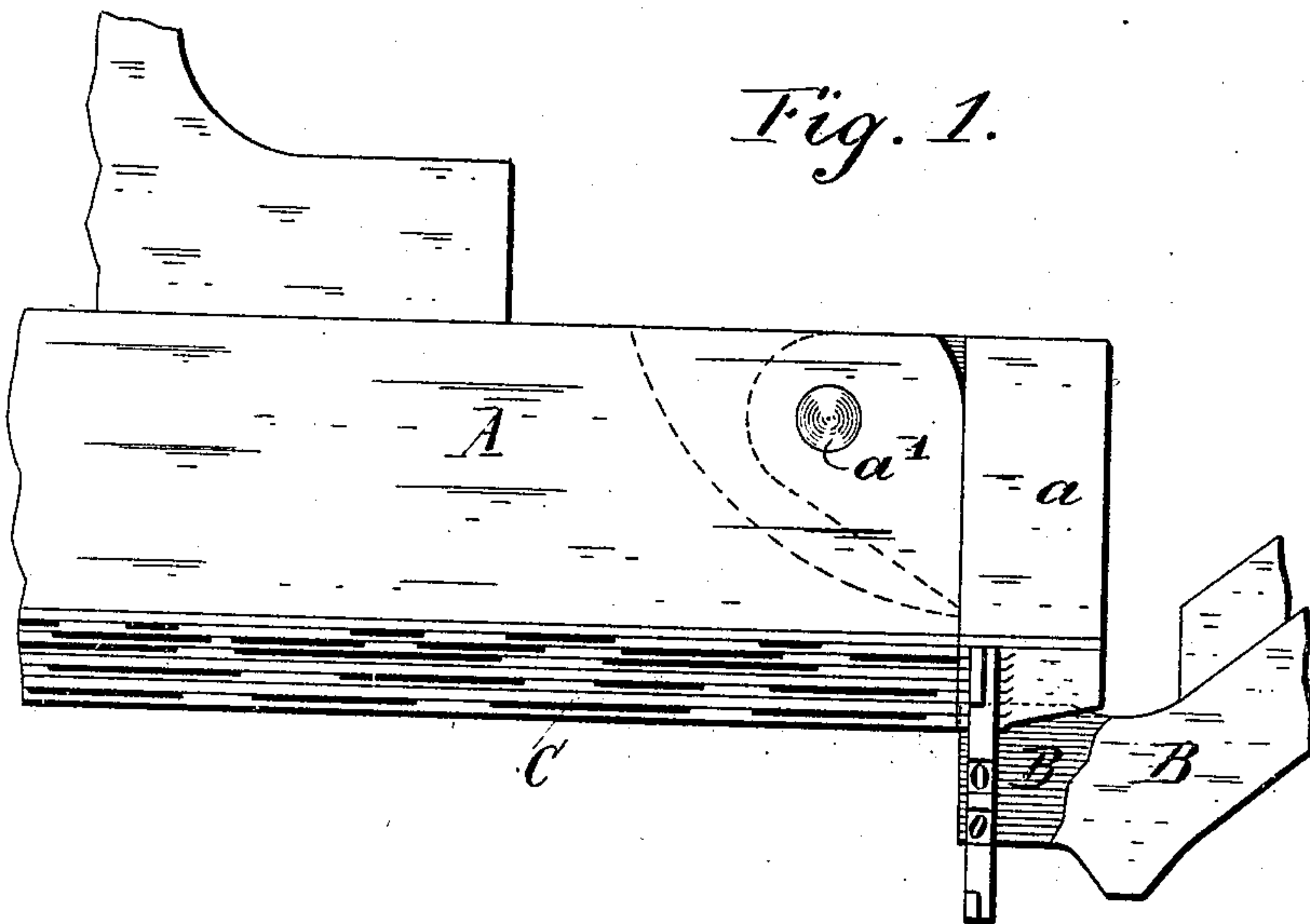


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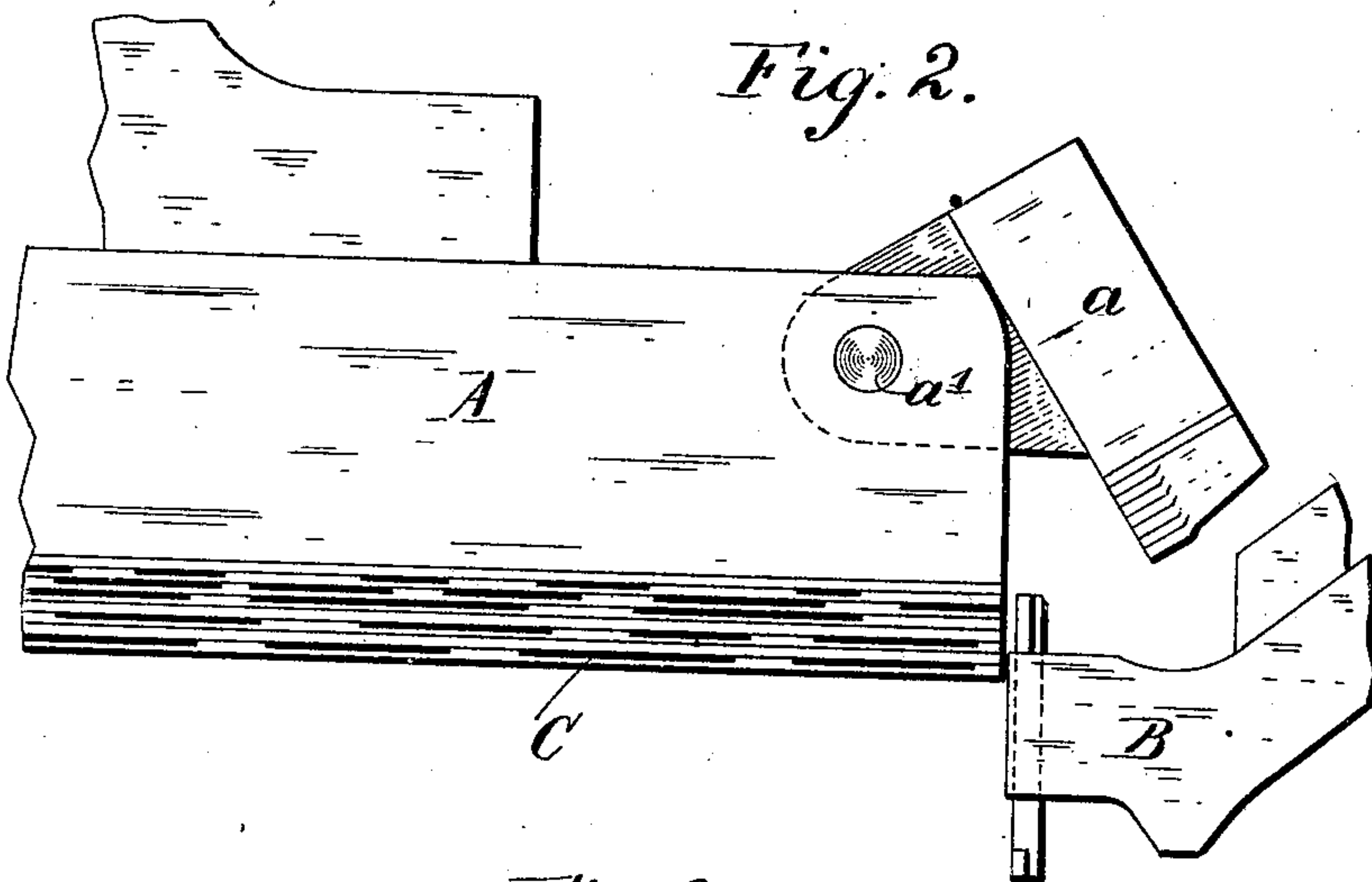
PATENTED MAR. 26, 1907.

D. S. KENNEDY.  
LINOTYPE MACHINE.  
APPLICATION FILED AUG. 17, 1906.

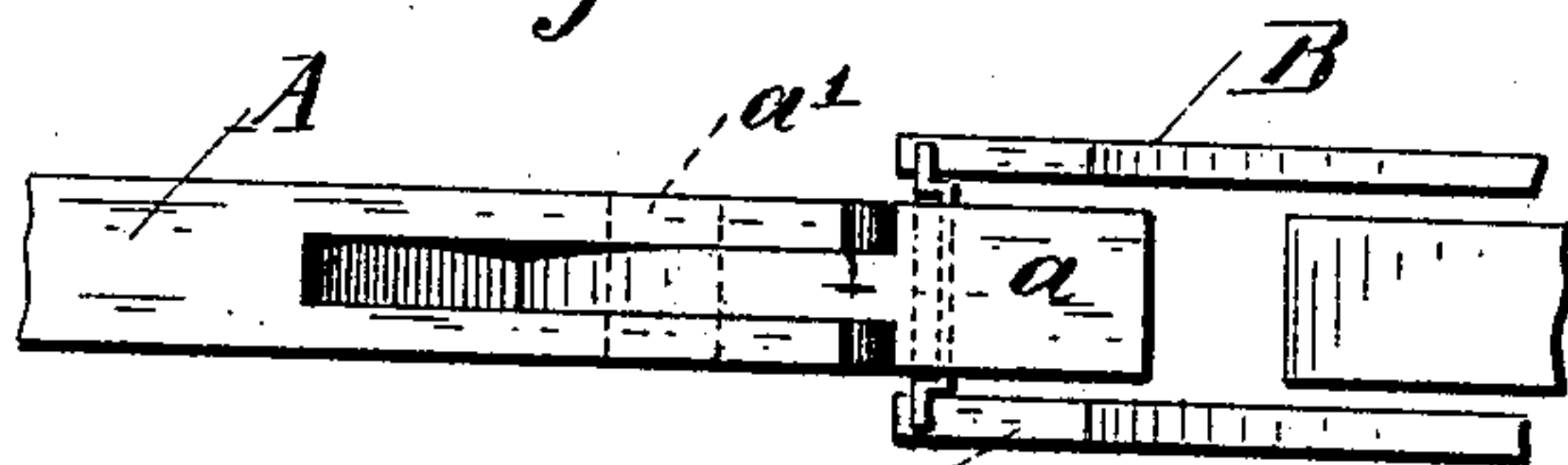
*Fig. 1.*



*Fig. 2.*



*Fig. 3.*



Witnesses  
Luther C. Morrison  
A. H. Fellingworth

Inventor  
David S. Kennedy  
By his Attorney  
P. J. Dodge



# UNITED STATES PATENT OFFICE.

DAVID S. KENNEDY, OF BROOKLYN, NEW YORK, ASSIGNOR TO MERGENTHALER LINOTYPE COMPANY, A CORPORATION OF NEW YORK.

## LINOTYPE-MACHINE.

No. 848,309.

Specification of Letters Patent.

Patented March 26, 1907.

Application filed August 17, 1906. Serial No. 330,985.

*To all whom it may concern:*

Be it known that I, DAVID S. KENNEDY, of Brooklyn, New York city, county of Kings, and State of New York, have invented a new and useful Improvement in Linotype-Machines, of which the following is a specification.

There is now known in the art a class of linotype-machines in which two magazines for matrices, one overlying the other, are provided each with a distributing mechanism at the upper end, these distributors being combined with a mechanism whereby the matrices are first separated according to font and those of one magazine delivered to the upper distributor, while those of the lower magazine are permitted to slide downward between supporting-rails to the lower distributor, as shown, for example, in Letters Patent of the United States No. 792,472. The distributor proper in these machines consists of a horizontal bar having its lower edge of V form, provided with longitudinal groups of teeth, whereby the notched and toothed matrices are held in suspension as they are carried along the bar until they arrive at the proper point for delivery, as fully explained in Letters Patent of the United States Nos. 347,629 and 436,532. In the practical operation of a machine such as shown in the first-named patent it will sometimes happen that matrices descending the inclined rails toward the distributor will be accidentally arrested, so that they will accumulate on or near the delivery ends of the rails in such position that they cannot be readily removed, because of the overlying end of the distributor-bar.

My invention is designed to overcome this difficulty, and consists in constructing or providing the distributor-bar at the receiving end with a movable section, which may be carried at will away from the adjacent matrices, leaving the latter unconfined and free for removal by hand, and this without disturbing the body of the distributor or the matrices suspended therefrom and without releasing or losing control of the matrices which are suspended in advance of the distributor.

In the accompanying drawings I have shown only those parts of the machine with

which my invention is directly associated. As to all other parts, it may be of the ordinary or any suitable construction.

Referring to the drawings, Figure 1 is a side elevation of the distributor-bar and the adjacent rails for delivering the matrices thereto, the parts being in operative position. Fig. 2 is a similar view with the receiving end of the bar turned upward to release the matrices. Fig. 3 is a top plan view of the parts shown in Fig. 1.

Referring to the drawings, A represents the horizontal distributor-bar provided at its lower edge with distributor-teeth C.

B B represent the parallel inclined rails by which the matrices are suspended and down which they descend to the end of the distributor-bar, being supported and guided upon the bar by the rails.

The foregoing parts are of the ordinary construction and operate in the ordinary manner, except that the distributor-bar instead of being made in a continuous piece from end to end is divided vertically near the receiving end, the short end-portion *a* being connected to the body portion by a horizontal pivot *a'* in such manner that it may be swung upward away from the operative position shown in Fig. 1 to or from the position shown in Fig. 2. This movement of the section *a* carries it clear of the underlying matrices on the rails B B. The matrices may then be turned and removed from the rails by hand.

The essence of the invention lies in arranging the end of the distributor-bar so that it may be moved in relation to the supporting-rails in such manner as to release or permit the removal of the underlying matrices without the necessity of removing the rails from the machine, and it will be understood by the skilled mechanic that any construction or arrangement of the distributor-bar which admits of its end being thus moved from its operative position will fall within the limits of my invention.

While I prefer to employ the rails B B in the usual form, (represented in the drawings,) it is to be understood that they may be modified in form or replaced by equivalent supports which will carry the matrices properly to the end of the distributor-bar.



Having described my invention, what I claim is—

1. In combination with guides for delivering matrices thereto, a fixed distributor-bar  
5 having its receiving end movable in relation to said guide to permit the removal of lodged matrices.
2. In combination with guides B B, for directing matrices thereto, a stationary distributor-bar having a movable section at the  
10 receiving end whereby access is given to lodged matrices in advance of the distributor without releasing them and without disturbing the distributor or the matrices thereon.
- 15 3. A fixed distributor-bar provided with a pivoted section at one end.
4. A distributor-bar for a linotype-ma-

chine, divided transversely and having its sections connected for instantaneous separation at will.

5. In combination with the downwardly-inclined rails B B, having their ends adapted to sustain matrices and guide them upon the distributor-bar, the distributor-bar A, having its receiving end located between the  
25 rails and pivoted to swing upward substantially as described and shown.

In testimony whereof I hereunto set my hand, this 13th day of August, 1906, in the presence of two attesting witnesses.

DAVID S. KENNEDY.

Witnesses:

J. R. ROGERS,  
ROBERT G. CLARK.