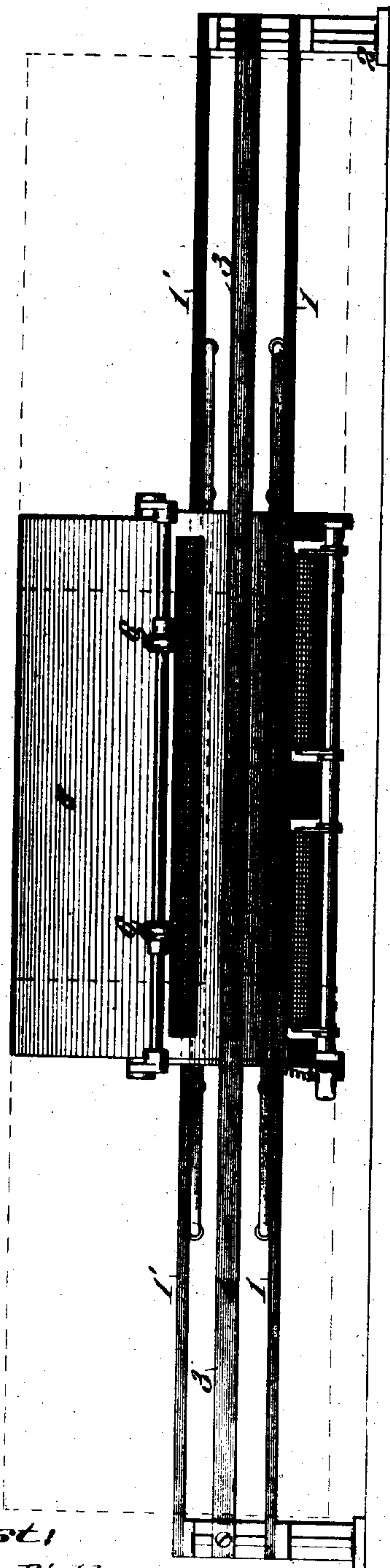


J. RABER.
 PAPER CARRIAGE.
 APPLICATION FILED FEB. 19, 1909.

973,700.

Patented Oct. 25, 1910.

Fig. 1.



Attest:
 Charles Pickles
 John C. Greve.

Fig. 2.



Inventor:
 Joseph Raber.
 By J. D. Rippey atty

Fig. 3.

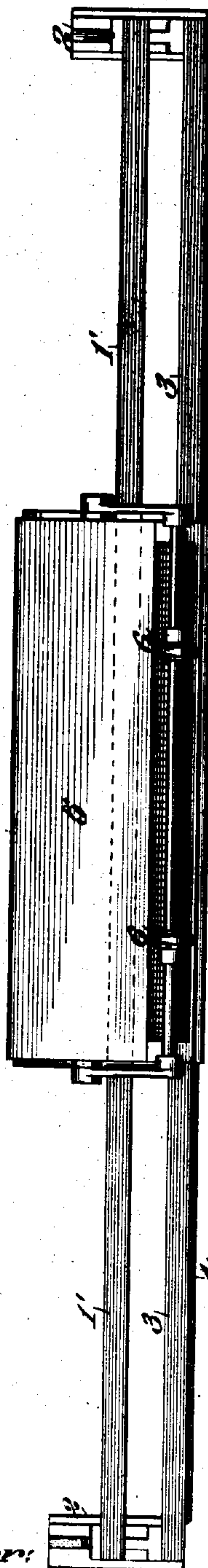
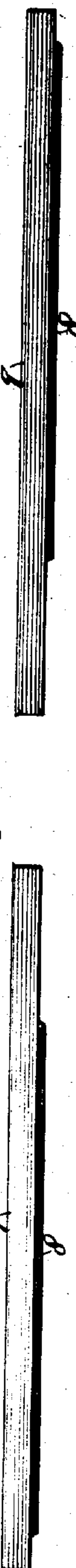


Fig. 4.



UNITED STATES PATENT OFFICE

JOSEPH RABER, OF POPLAR BLUFF, MISSOURI, ASSIGNOR TO ADDING TYPEWRITER COMPANY, OF ST. LOUIS, MISSOURI, A CORPORATION OF MISSOURI.

PAPER-CARRIAGE.

973,700.

Specification of Letters Patent.

Patented Oct. 25, 1910.

Application filed February 19, 1909. Serial No. 478,968.

To all whom it may concern:

Be it known that I, JOSEPH RABER, a citizen of the United States, residing at Poplar Bluff, Missouri, have invented a new and useful Paper-Carriage, of which the following is a specification.

This invention relates to paper carriages of that type in which the paper is to be moved laterally a distance in excess of the width of the carriage. A carriage of this character is adapted for use in connection with two or more recording machines, and is operable to hold paper in recording position until the record by one machine is completed, and then to move laterally to carry the paper to the adjacent recording machine.

In the drawings in which I have illustrated one arrangement of the invention, Figure 1 is a front elevation of the stationary platen having the laterally movable paper carriage mounted to hold the paper in recording position at the platen, and operable to feed the paper in letter space and line space movements. Fig. 2 is a plan view thereof. Fig. 3 is a plan view of one form of platen which is adapted for use in connection with this type of paper carriage. Fig. 4 is a plan view of two alined platens, from one to the other of which the paper carriage may be operated to transport the paper.

The carriage tracks or rails 1 may be mounted upon stationary posts or supports 2. A platen bar 3 is removably connected to the posts 2 and has a printing surface 4 extending for considerable distance from each end thereof. A carriage 5 is mounted upon the rails 1 in any known manner, and is operable laterally thereon. Said carriage comprises feed rolls 6 operable to engage the paper and feed same longitudinally across the platen surface 4 at which the carriage may be positioned. In the form shown the platen is constructed to be acted upon by two separate machines arranged side by side, and the carriage may be adjusted to feed the paper to the recording mechanism of either machine, and at any desired time may be operated laterally effectively to carry the paper to the recording mechanism of the other machine. The platen surfaces may be of any suitable material adapted for such uses, and the platen support being removable, different kinds of platens may be readily brought into use as the circumstances or the charac-

ter of the recording work to be performed may require.

In Fig. 4 there are two platen supporting bars 7, each of which is provided with a platen printing surface 8, said bars being alined so that when the paper carriage is moved laterally on its track or rails the paper will be moved to proper printing position from one platen to the other.

I have not illustrated the escapement or carriage-control mechanism, which is adapted for use as well in connection with a paper carriage of this construction as with the paper carriages of any typewriting or recording machine, and the combination of such mechanism with this paper carriage is readily understood.

I am aware that there may be modifications and alterations in the construction and arrangement of the parts embodying this invention without departure from the spirit and scope of the invention, and I do not restrict myself to identical features of construction or arrangement, but

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

1. The combination with a platen, of rails parallel with said platen, and a laterally-movable paper carriage mounted on said rails and being operable to move the paper laterally relative to said platen; said platen being immovable with respect to said paper carriage, substantially as specified.

2. The combination with a platen bar, and an element constituting a printing surface attached to said bar, of a paper carriage operable to move the paper laterally relative to said bar and printing surface, substantially as specified.

3. The combination with a platen, of a paper carriage operable to move the paper relative to said platen; said platen being immovable with respect to said paper carriage, substantially as specified.

4. The combination with a plurality of platens, of a paper carriage operable to move the paper from one to another of said platens, substantially as specified.

5. The combination with a plurality of alined platens, of a paper carriage operable to transport the paper from one to another of said platens, substantially as specified.

6. The combination with a paper carriage, of a platen of greater length than said paper carriage, and supports whereon the paper

carriage may be operated to transport the paper to any position on said platen, substantially as specified.

7. The combination with a platen, of a
5 paper carriage operable to move the paper laterally relative to said platen, and paper feed rolls in said carriage; said platen being immovable with respect to said paper carriage, substantially as specified.

10 8. The combination with a platen, of paper feeding devices operable to move the pa-

per relative to said platen; said platen being immovable with respect to said paper feeding devices, substantially as specified.

In testimony whereof, I hereunto affix my
signature to this specification this 11th day
of February, 1909, in the presence of two
witnesses.

JOSEPH RABER. [L. s.]

Witnesses:

CHARLES PICKLES,
JOHN E. GREVE.