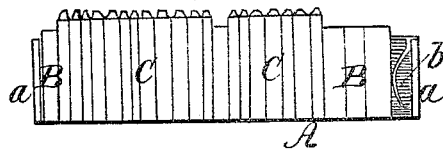
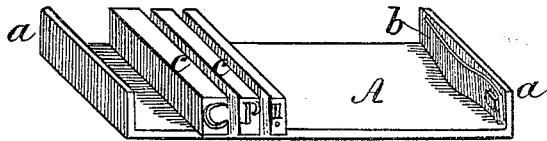


W. McNaughton.

Tyre Holder.

N^o 111,663. Patented Feb. 7, 1871.



Witnesses

E. A. West.

W. Bond

Inventor;

William McNaughton

United States Patent Office.

WILLIAM McNAUGHTON, OF CHICAGO, ILLINOIS, ASSIGNOR OF ONE-HALF
HIS RIGHT TO JOHN H. TRUMBULL, OF SAME PLACE.

Letters Patent No. 111,663, dated February 7, 1871.

IMPROVEMENT IN TYPE-HOLDERS.

The Schedule referred to in these Letters Patent and making part of the same.

I, WILLIAM McNAUGHTON, of the city of Chicago, in the county of Cook and State of Illinois, have invented a certain new and useful Improvement in Printing, of which the following is a full description, reference being had to the accompanying drawing making a part of this specification, in which my device is represented in perspective by one figure. Three type are also represented in the device.

The object of my invention is to construct a device in which one or more lines of type can be set or placed, and there held in place so that the same (with the device) can be readily handled as a whole without special care and without danger of making pi of the same. And I accomplish this by means of a strip of sheet-brass or other suitable metal of the width of an ordinary lead, having the ends turned up at right angles forming two flanges, and having a spring on the inside of one flange.

My device may be called a type-holder.

In the drawing—

A represents a strip of sheet-metal having a flange, *a*, at each end, at right angles with the strip.

On the inside of one flange (the outer one is preferred) is a spring, *b*, which may conveniently be made from a thin narrow strip of steel, one end (the upper end is preferred) being securely fastened to the flange, the other end being in contact or nearly so with the other end of the flange, but not fastened thereto.

The flanges should be no wider than the thickness of the type *C*, with which the device is to be used, and the extreme length of the device should be just equal to the length of a line of the matter or form

with which it is to be used. It can then be placed in the stick used in setting up the matter to be printed, a line of type can be set therein, and when so justified that the spring will press with some force against the type or the quads *B*, the type-holder with the type therein can be removed from the stick with one hand without care, can be placed in any position and handled as may be necessary with one hand, and without danger of making pi of the type.

If it is desired to so construct the device that it will hold two or more lines of type, the flanges must be correspondingly increased in width, as well as the spring, and it will be best to have a separate spring for each line of type in the device, so that each line may be independently justified and without reference to any other line.

Each flange may be provided with a spring, but this will not be necessary.

Springs of other material and form may be used, but I regard the form shown as best.

My device will be found useful not only in printing railroad-tickets, both local and coupon, but in printing any form where frequent changes are made. With my device the required changes can be made in less than half the time now required.

What I claim as new is as follows:

The plate *A*, when provided with the flanges *a a* and spring *b*, substantially as and for the purpose specified.

WILLIAM McNAUGHTON.

Witnesses:

E. A. WEST,
O. W. BOND.