

C. N. Morris
Printers' Rule.

N^o 93331. Patented Aug. 3. 1869.

Fig. 1.

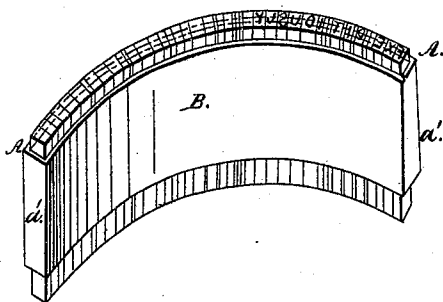
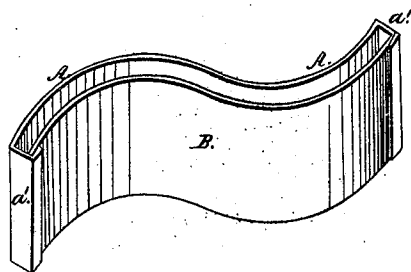


Fig. 2.



Witnesses.

Geo. W. Mabey
John H. Mabee

Inventor.

Chas. H. Morris
PER *Morris*
Attorneys.

United States Patent Office.

CHARLES N. MORRIS, OF CINCINNATI, OHIO.

Letters Patent No. 93,331, dated August 3, 1869; antedated July 20, 1869.

IMPROVEMENT IN PRINTERS' RULES.

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, CHARLES N. MORRIS, of the city of Cincinnati, in the county of Hamilton, and State of Ohio, have invented a new and improved Printers' Rule; 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, in which—

Figure 1 is a perspective view of my improved rule, showing a line of type in place.

Figure 2 is a perspective view of another form of the same.

Similar letters of reference indicate corresponding parts.

My invention has for its object to furnish an improved rule for type, in printing curved, circular, or straight lines, which shall be so constructed and arranged as to support the type upon a true curve, and, at the same time, greatly diminish the time and labor heretofore required for printing such lines; and

It consists in the rule, constructed substantially as hereinafter more fully described.

A is the rule, which is made of brass, or other suitable metal, and in the exact curve or form of the desired line.

The ends of the rule A are turned inward, as shown in fig. 1, to form shoulders or catches, *a'*, against which the end types of the line rest.

In the case of scroll or double-curved lines, the edges

of the catches may be again turned inward to form a double catch, as shown in fig. 2, to more securely support the type.

B is another rule, made to correspond in shape with the shape of the rule A.

The rule or brace B is made without catches, or end flanges, and its ends correspond with the edges of the flanges or catches *a'*, of the ends of the rule A, as shown in figs. 1 and 2, so that both sides of the line of type may be fully supported, and a line be thus made upon exactly the required curve.

If desired, the catches or end flanges of the rule A may be bent upon a curve, instead of being bent at right angles; but I prefer to bend them at an angle, as first described.

Having thus described my invention,

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

1. The printers' rule A, formed with catches or flanges *a'*, single or double, upon its ends, whether said catches be angular or curved, substantially as herein shown and described, and for the purpose set forth.

2. The combination of the rule or brace B with the rule A, having flanges or catches *a'* formed upon its ends, substantially as herein shown and described, and for the purpose set forth.

CHAS. N. MORRIS.

Witnesses:

W. L. ALDRICH,
B. F. BRAHM.