

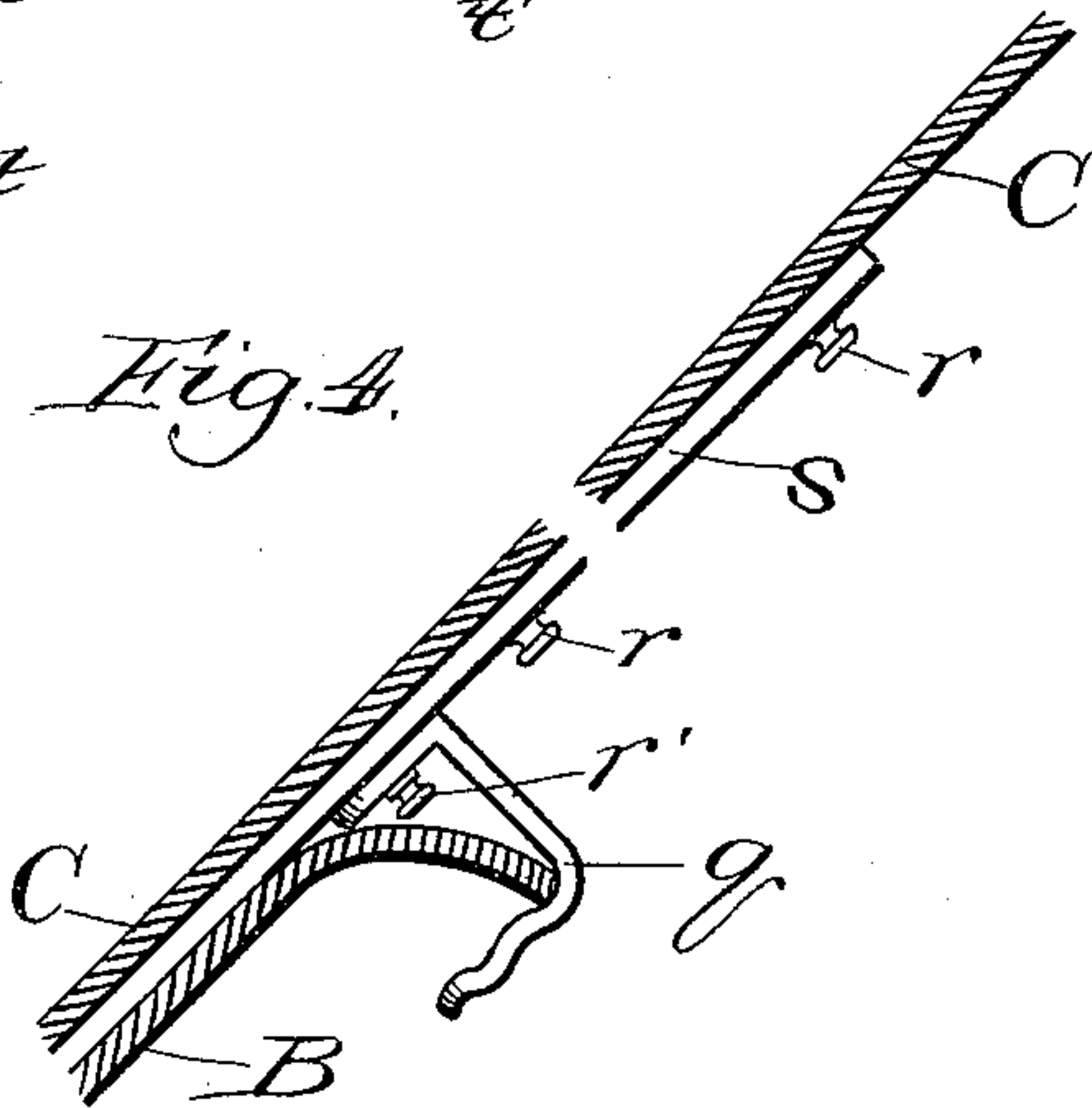
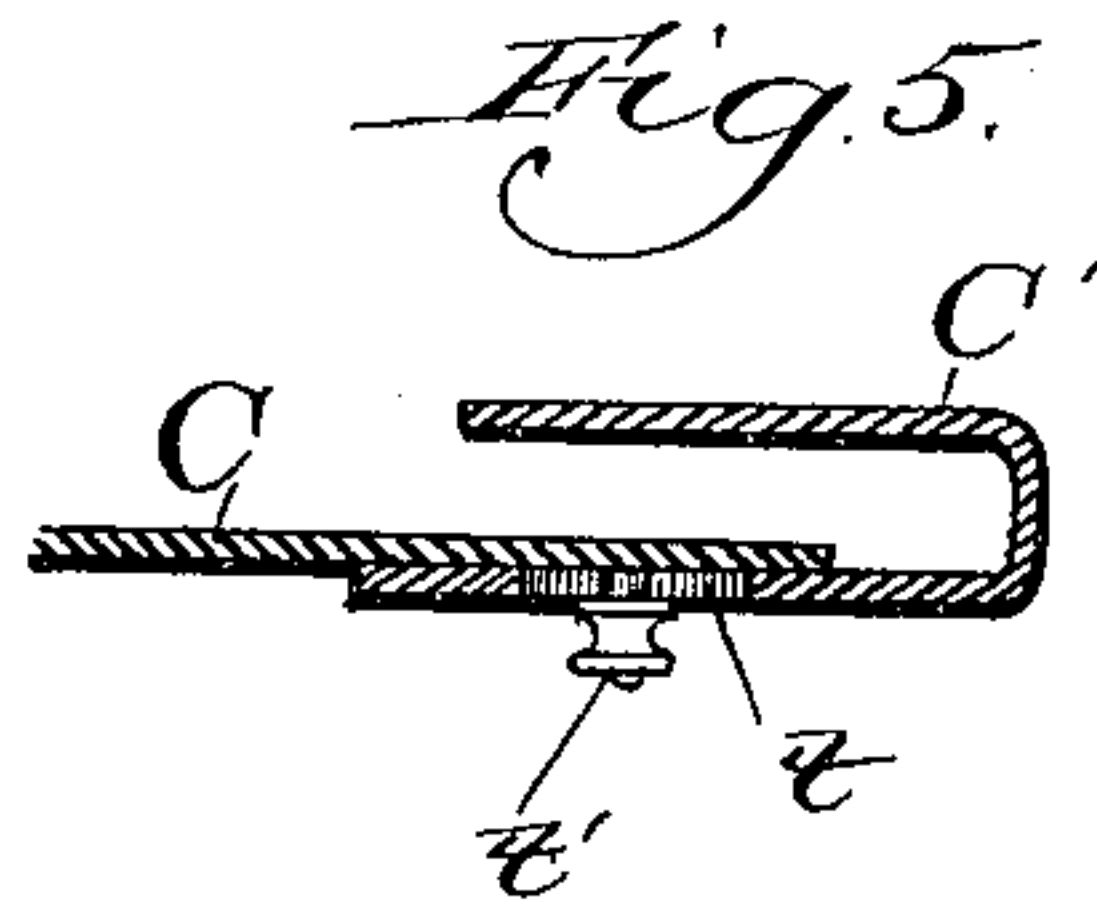
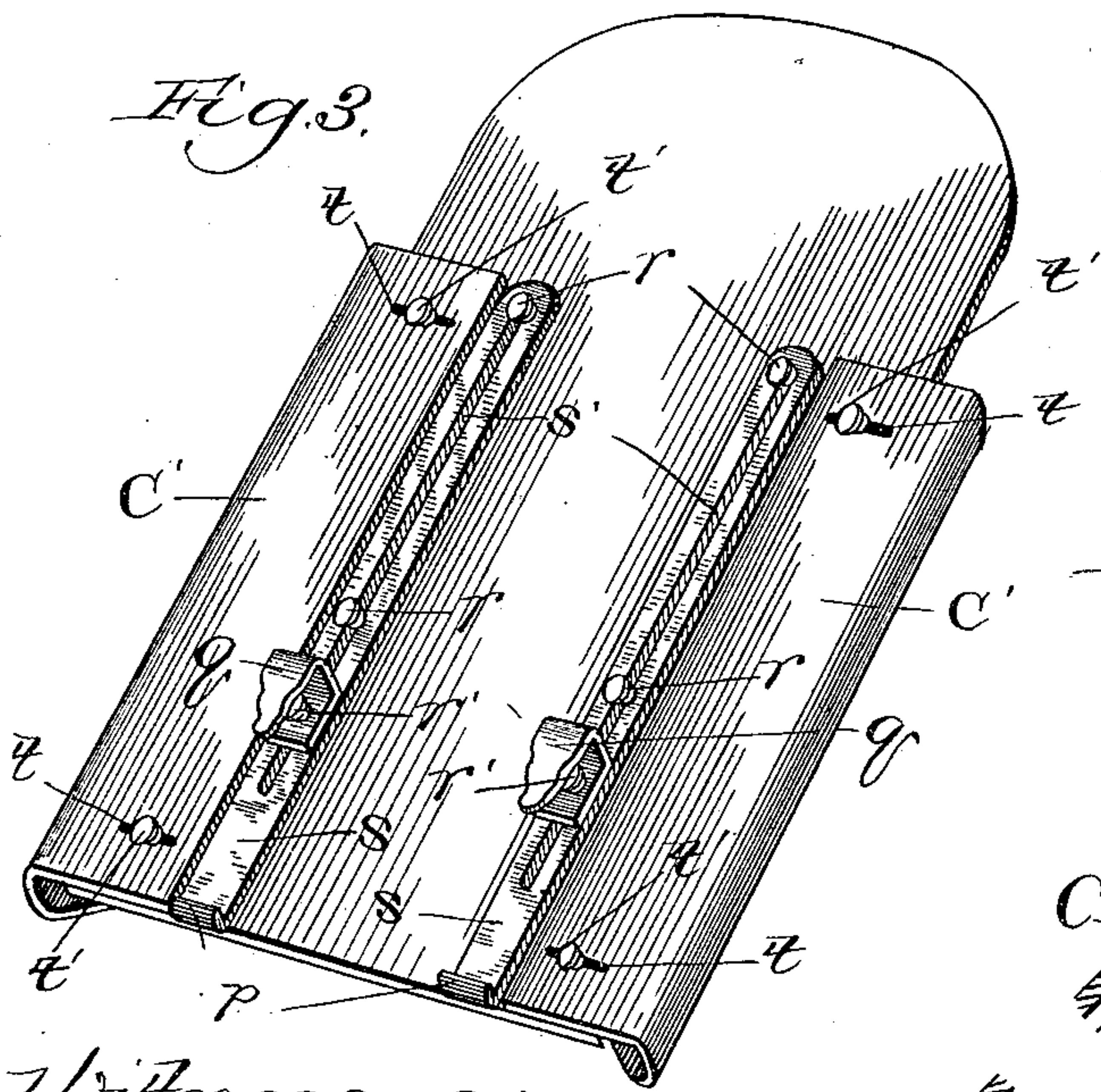
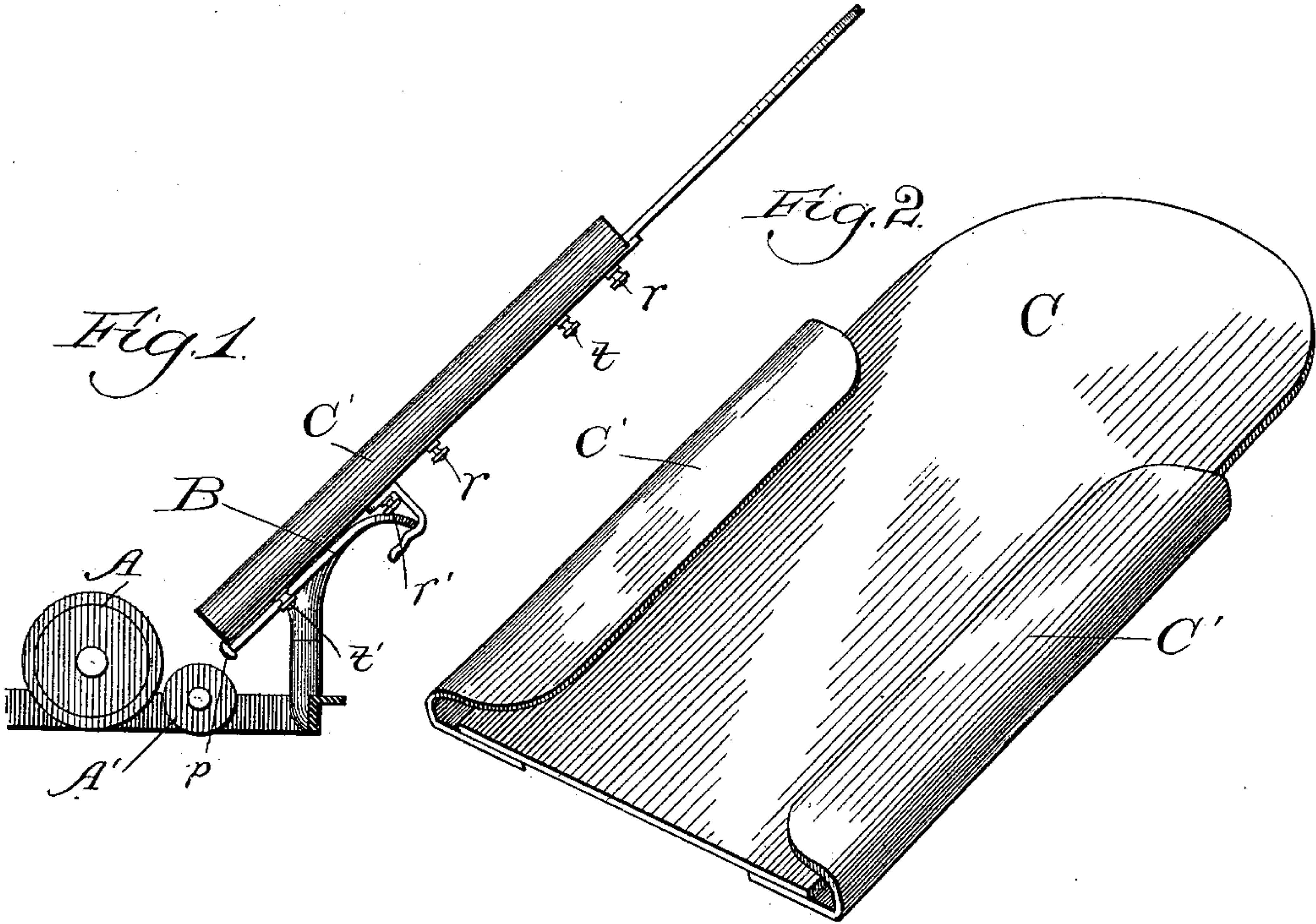
(No Model.)

A. C. THOMAS.

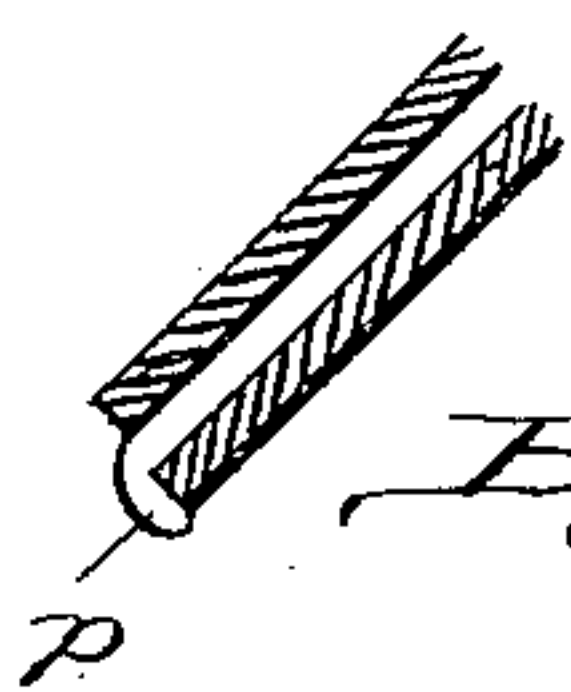
FEED GUIDE FOR TYPE WRITING MACHINES.

No. 335,488.

Patented Feb. 2, 1886.



Witnesses:
Chas. C. Gaylord.
Wason Bros.



Inventor:
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UNITED STATES PATENT OFFICE.

ADDISON C. THOMAS, OF CHICAGO, ILLINOIS.

FEED-GUIDE FOR TYPE-WRITING MACHINES.

SPECIFICATION forming part of Letters Patent No. 335,488, dated February 2, 1886.

Application filed July 3, 1885. Serial No. 170,594. (No model.)

To all whom it may concern:

Be it known that I, ADDISON C. THOMAS, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a certain new and useful Feed-Guide for Type-Writing Machines; and I hereby declare the following to be a full, clear, and exact description of the same.

My invention is designed to aid in the execution of the work of any variety of upright or key-board type-writing machines, by affording a guide to the feed-roller of the machine of the paper as the latter is required, thus facilitating the labor of the operator, and enabling the attainment of increased speed by permitting undivided attention to the key-board.

It is my object, also, to provide a device which, without being of necessity a fixture or integral portion of any variety of type-writing machine, shall be attachable to and detachable from all the different varieties, and serve equally well with any one to which it may be applied, to facilitate the work of such machine, in the manner hereinbefore described.

My invention consists in the general construction of my device; and it also consists in certain details of construction and combinations of parts, all as hereinafter more fully set forth and claimed.

Referring to the drawings, Figure 1 is an edge view of my improved device, showing in section the portion of a type-writing machine to which it is attached; Fig. 2, a perspective view of the front side of the same; Fig. 3, a similar view showing the rear side; Fig. 4, a vertical section through the parts forming the adjusting and attaching features of the device, showing also the portion of the type-writing machine to which it is attached; and Fig. 5, a detail view showing in cross-section through its adjusting means one of the adjustable lateral guides of the device.

A and A' are respectively a cylinder and feed-roller of a type-writing machine, and B is the supporting-plate for the paper provided upon such machines.

C is a flat plate, preferably of thin sheet metal, attachable to the supporting-plate B, by means hereinafter described, and provided with lateral guides C', in the form of angular flanges, adjustable laterally upon the plate C

by slots *t*, provided in their rear portions, (see Figs. 3 and 5,) and thumb-screws *t'*. On its rear surface the plate C is provided with means, hereinbefore mentioned, whereby it may be securely but detachably affixed to the supporting-plate B, and comprising strips of sheet metal, *s*, bent at one end to form hooks *p*, which fasten securely upon the lower edge of the plate B, and having longitudinal slots *s'*, through which extend thumb-screws *r* upon the plate C, whereby the plate C, when the strips *s* are affixed to a type-writing machine on its supporting-plate B, has a longitudinal motion within the limits of the slots, and to such an extent as may be required to afford proper adjustment. To enable the strips *s*, after being hooked at their lower extremities to the plate B, to remain firmly attached thereto, spring-brackets *q*, adjustable to varying heights on the plate B by means of set-screws *r'*, are provided to clamp the upper edge of the same, and when adjusted hold the device firmly in its position upon the type-writing machine. If desired, the lower edge of the plate C may itself be bent backward to form a hooked extremity in the direction of the hooks *p*, thus dispensing with the latter and with the strips *s*, upon which they are formed, in which case the longitudinally-adjustable spring-brackets *q*, together with the set-screws *r'*, may be substituted by stationary brackets riveted directly upon the plate C. The last-named construction is preferred, as adjustability of the device when once placed is not an essential feature.

My invention is of great value as an accessory attachment to the "type-writer" wherever continuous rapid work is necessary; but it is of especial importance where these machines are used by telegraph-operators to "take down" messages direct from the wire.

In large cities the associated-press reports are furnished to the newspapers as taken down on the type-writer direct from the telegraphic receiving-instrument. A dozen or more copies in manifold are often needed, and the greatest possible accuracy and rapidity are required to enable the operator to keep up with his work, for should the time necessary to adjust paper by hand permit the receiving-instrument to get, say, twenty or more words ahead,

as frequently happens, it is extremely difficult to "catch up" and complete the message without the omission of some part or the liability of error.

5 By the use of my improved device the sheets of paper, single or manifold, are fed to the machine, edge to edge, continuously, one following the other, as required, and it is not necessary on the completion of a page or of
10 the manifold pages to delay for the adjustment of another supply, as it is required only to place it within the guides on the plate C, when it will fall by gravity into the proper position between the feed-roller and cylinder.
15 If, when one supply of the paper has passed partly through the machine, an attendant is employed to insert a fresh supply into the feed-guide, it will rest upon the upper edge of that already partly used, following it as it
20 travels through the machine and taking its place as it reaches the feed-roller, so that the work of the operator need never be interrupted.

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

1. The combination of a bed-plate, C, having lateral guides C', and forming a feed-guide for type-writing machines, and means, substantially as described, for attaching the device
30 vice to the machine, substantially as set forth.

2. The combination of a bed-plate, C, having adjustable lateral guides C', and forming a feed-guide for type-writing machines, and means, substantially as described, for detachably securing the device upon the machine, 35 substantially as set forth.

3. The combination, in a feed-guide for a type-writing machine, with a bed-plate provided with lateral guides, of clamping mechanism, substantially as described, for detachably adjusting the feed-guide upon the plate B
40 of the machine, as and for the purpose set forth.

4. The combination, in a feed-guide for a type-writing machine, with a bed-plate provided with lateral guides, of the hooked strips
45 s and adjustable clamps q, substantially as and for the purpose set forth.

5. In a feed-guide for type-writing machines, the combination of a bed-plate, C, lateral adjustable flanges C', adjustable hooked
50 strips s, and adjustable clamps q, substantially as and for the purpose set forth.

ADDISON C. THOMAS.

In presence of—

EDWARD THORPE,
MASON BROSS.