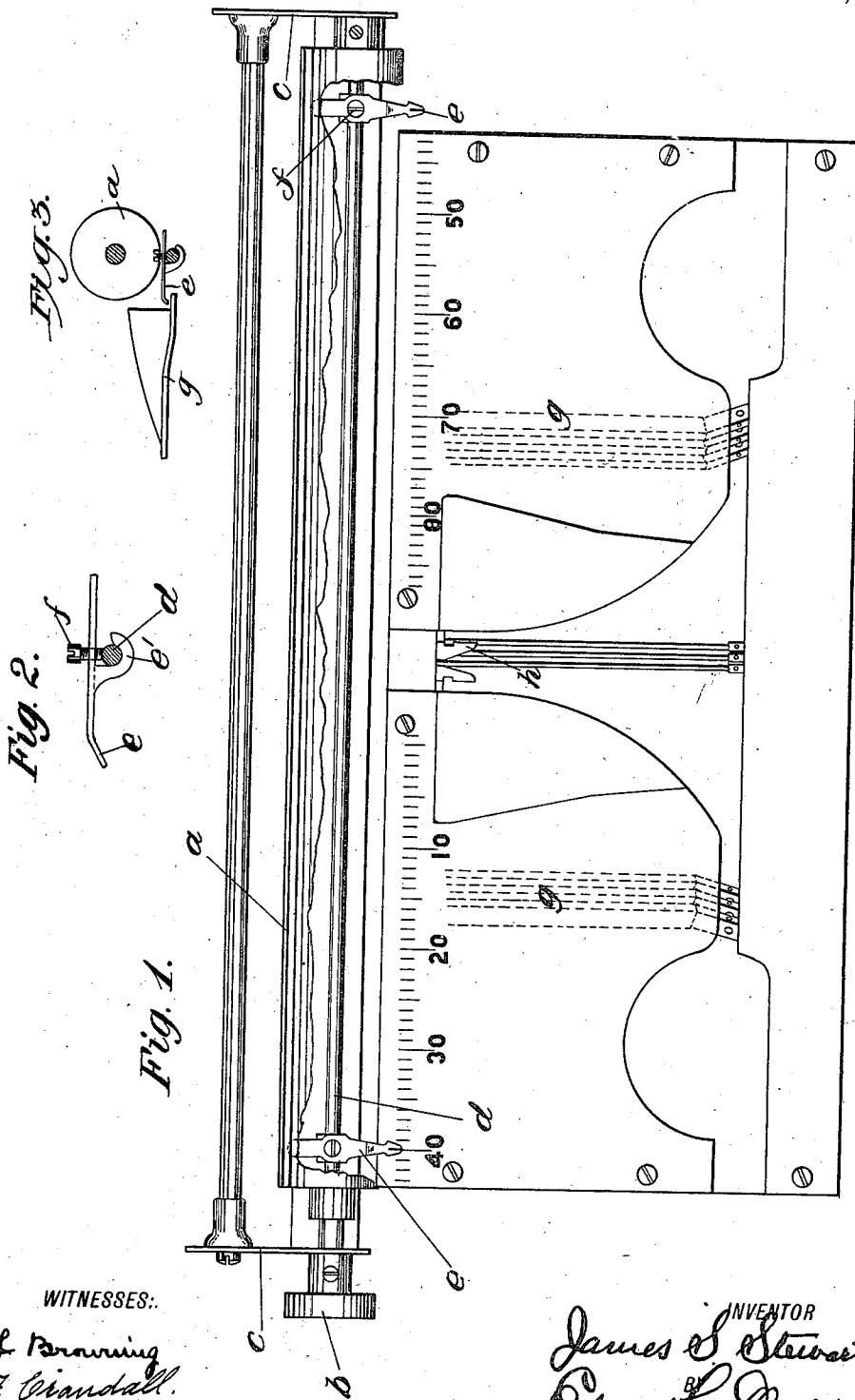


987,925.

Patented Mar. 28, 1911.



WITNESSES:

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JAMES S. STEWART, OF NEW YORK, N. Y., ASSIGNOR TO ROYAL TYPEWRITER COMPANY, OF NEW YORK, N. Y., A CORPORATION OF NEW JERSEY.

TYPE-WRITING MACHINE.

987,925.

Specification of Letters Patent.

Patented Mar. 28, 1911.

Application filed June 19, 1909. Serial No. 503,051.

To all whom it may concern:

Be it known that I, JAMES S. STEWART, a citizen of the United States of America, residing in the borough of Brooklyn, city and State of New York, have invented certain Improvements in Type-Writing Machines, of which the following is a specification.

This invention relates to scale bar devices to aid the operator in adjusting a point on the sheet in the machine to the printing point.

In the accompanying drawing; Figure 1 is a plan view of so much of a Royal Standard typewriting machine as is required to illustrate this invention: Fig. 2, is a detail sectional view; and Fig. 3 is a detail section showing the relationship of the dust guards and the platen of the machine.

a is the platen provided with usual turning knobs *b, b*; and *c, c*, are the side plates of the platen frame. Extending between the side plates below the platen is a transverse rod *d* upon which is adjustably mounted a pointer or index finger *e* formed with a projection *e'* on its under face having a circular seat to fit the transverse rod *d* and provided with a set screw *f* extending through its top portion and impinging against the rod. By this means, the pointer may be accurately set.

Royal "Standard" machines are equipped with dust guard plates *g, g* between the inner contiguous edges of which the type bars pass to the usual type bar guide *h*. These dust guards serve to protect the type bar segment and the bars themselves from dust and dirt of erasure. Their rear edges are horizontally disposed in a plane below the platen and may extend somewhat under it as indicated. On these dust guards is inscribed a scale there being preferably a scale section on each dust guard respectively on opposite sides of the printing point; and in that case there may be two index fingers *e* as indicated. The dust guard plates may be considered as part of the frame of the machine and the scale and pointer may be used in lieu of, or as supplementary to, the ordinary scale bearing upon the face of the platen adjacent the line of print. Such

a supplementary scale has the advantage of being always in convenient view of the operator no part of it ever being obscured. Moreover, such a supplementary scale may be provided with large figures that may be easily read by the operator. This plan of providing a scale on the frame of the machine in a plane below the platen is, so far as I am aware, new. In Royal "Standard" machines, the platen is removable and therefore the pointers *e* may be readily reached for adjustment. However, when they are once adjusted in assembling of the machine, there is no occasion for thereafter disturbing them. The scale at the left of the printing point or type bar guide *h*, reads from the center to the left hand side of the machine and is a margin scale. That on the dust guard to the right reads from the right hand side of the machine and is a tabulating scale. There is a pointer *e* for each scale.

I claim:

1. A front strike, bar, typewriting machine comprising a frame, a transversely movable platen, two cover-plate dust guards overlying the type bars, arranged respectively on opposite sides of the printing point, located below and in front of the platen and having a scale on one or both adjacent the rear edge, and a pointer co-operating with the scale and moving with the platen.

2. A front strike, bar, typewriting machine comprising a frame, a transversely movable platen, two horizontally disposed cover-plate dust guards overlying the type bars, arranged respectively on opposite sides of the printing point, located below and in front of the platen and having a scale on the flat horizontal face of one or both adjacent the rear edge, and a pointer co-operating with the scale and moving with the platen.

In testimony whereof, I have hereunto subscribed my name.

JAMES S. STEWART.

Witnesses:

L. C. MYERS,
A. O. SACKETT.