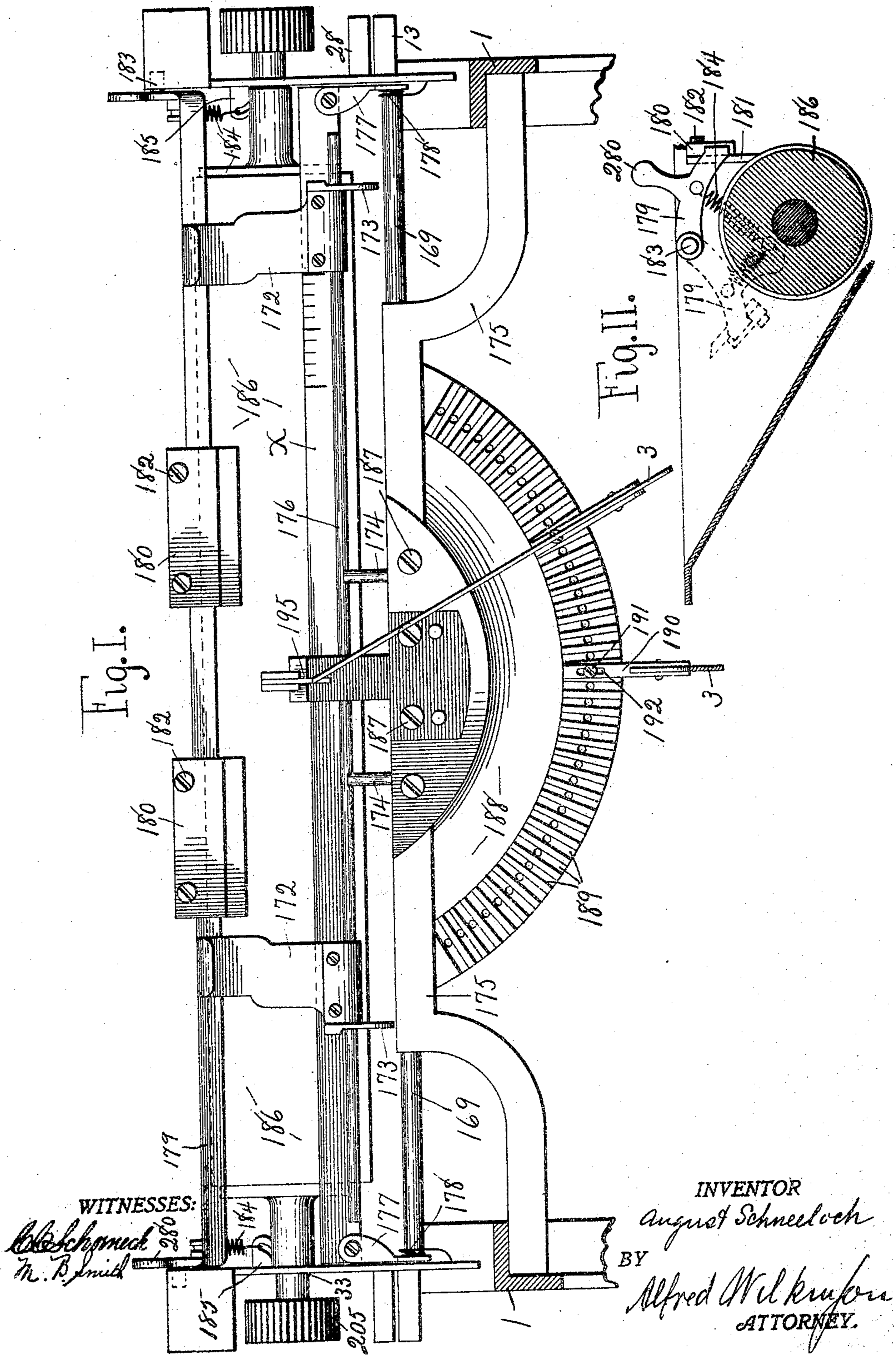


No. 798,118.

PATENTED AUG. 29, 1905.

A. SCHNEELOCH.
PAPER HOLDING AND GUIDING MECHANISM.
APPLICATION FILED OCT. 9, 1902.



UNITED STATES PATENT OFFICE.

AUGUST SCHNEELOCH, OF SYRACUSE, NEW YORK.

PAPER HOLDING AND GUIDING MECHANISM.

No. 798,118.

Specification of Letters Patent.

Patented Aug. 29, 1905.

Original application filed May 9, 1902, Serial No. 106,524. Divided and this application filed October 9, 1902. Serial No. 126,601.

To all whom it may concern:

Be it known that I, AUGUST SCHNEELOCH, a citizen of the United States, residing at Syracuse, in the county of Onondaga and State of New York, have invented certain new and useful Improvements in Paper Holding and Guiding Mechanism; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to the paper holding and guiding mechanism of a type-writing machine supported on the platen-holder and operated in connection with the platen to retain in position sheets of paper, cards, envelopes, &c., of different widths.

It consists, essentially, of a paper-finger bar suitably supported and paper-fingers adjustable thereon and having extensions to engage with stops and limit the adjustment of the fingers, also of a frame journaled on the platen-holder fitted with springs to maintain it either in operative or inoperative position and carrying sliding blocks particularly adapted to engage with cards or envelopes. The construction and arrangement of parts herein may be varied without departing from the spirit of my invention.

This application is a division of my application filed May 9, 1902, Serial No. 106,524.

In the drawings herewith, Figure I is a front elevation of a portion of a type-writing machine, showing my invention. Fig. II is a side elevation of my card and envelop holder with portions in section.

In the figures, 1 indicates the main frame of the machine, 3 the type-bar supported thereon on hanger 190, adjustably secured by screw 191, slotted at 192, and to one of the radial grooves 189 of segment 188, secured by screws 187 to segment-bracket 175.

Brackets 177, journaled on bar 169, carry on their upper ends the scale-bar α , on which is supported the paper-finger bar 176, sustaining the sliding paper-fingers 172, preferably curved to correspond to the platen 186 and having the integral extensions 173 to engage with pins 174 on segment-support 175, whereby the paper-fingers are prevented from being adjusted inward so far as to pass under the printing-point.

178 represents suitable springs for holding fingers and scale-bar in position close to the platen. It is common in printing small cards to set the fingers to hold the card and then set

the margin-stop accordingly; but if the operator neglects to set said stop the fingers will pass under the printing-point, so that the type are in danger of striking against these metal fingers and being injured.

179 is a card-holder frame journaled by studs 183 in the platen-holder and fitted with sliding blocks 180, of which the inner face 181, secured to the front by screws 182, is formed with a lower beveled edge to fit the platen 186.

184 represents springs for holding the card-holder against the platen when in operative position and away from the platen when in the inoperative position.

185 represents stops with which the extensions 280 engage to prevent the card-holder from striking the platen when out of position.

33 indicates the platen-bushing, and 205 the platen-knobs.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In a type-writing machine, the combination with the frame and the platen thereon, of a paper-finger bar on the frame arranged parallel to and in front of the platen, curved paper-fingers arranged to slide on said bar and to hold the paper against the platen, the segment-support, pins on said support arranged one on each side of the printing-point and adjacent thereto, and downwardly-extending extensions on the paper-fingers to engage with the respective pins.

2. In a type-writing machine, the combination with the platen suitably journaled on the carriage, brackets journaled on the platen-frame, a scale-bar on the brackets, a paper-finger bar supported on the scale-bar, paper-fingers fitted to the paper-finger bar to hold the paper against the platen, integral downward extensions on the paper-fingers, vertical pins on the frame adjacent to the center of the machine, to prevent the paper-fingers from passing under the printing-point, and springs to hold the scale-bar, and paper-finger bar up in position.

3. In a type-writing machine, the combination with the platen suitably journaled on the carriage, of a lower bar on the platen-frame, brackets journaled thereon at each end, a scale-bar extending between the brackets, a paper-finger bar supported on said scale-bar, curved paper-fingers fitted to the paper-finger bar and sliding thereon to hold the paper against the platen, integral downward extensions on the

paper-fingers, and pins on the frame to engage with the said extensions and to prevent the paper-fingers from passing under the printing-point.

5 4. In a type-writing machine, the combination with the platen suitably journaled on the carriage, of a lower bar on the platen-frame, brackets journaled thereon at each end, a scale-
10 bar extending between the brackets, a paper-finger bar supported on said scale-bar, curved paper-fingers fitted to the paper-finger bar and sliding thereon to hold the paper against the platen, springs to hold the paper-fingers against the platen, integral downward exten-
15 sions on the paper-fingers, a segment-support on the frame and pins on the segment-support to engage with the said extensions and to prevent the paper-fingers from passing under the printing-point.

20 5. In a type-writing machine, the combination with the platen-frame and the platen journaled thereon, of the card-holder frame journaled on the platen-frame, blocks provided with a recess to fit the card-holder frame and
25 free to slide thereon, said blocks having a lower edge to lie in contact with the platen, and a spring to hold said card-holder either in or out of position.

30 6. In a type-writing machine, the combination with the platen-frame and the platen journaled thereon, of a card-holder frame journaled on the platen-frame, an elongated bar

on the card-holder frame arranged parallel to the platen, two sliding blocks fitted to said bar and having their rear faces provided with
35 a lower beveled edge to engage with the platen and hold the card in position, and a spring to hold said lower edge in engagement with the platen when the card-holder is in operative position, and to hold the card-holder out of
40 engagement with the platen when rocked out of operative position.

7. In a type-writing machine, the combination with the platen-holder and the platen journaled thereon, of the card-holder frame also
45 journaled on the platen-holder, an elongated bar on the card-holder frame arranged parallel with the platen, sliding blocks arranged on said bar having the lower edges of their inner faces beveled to lie close against the platen,
50 rearward extensions on each end of the card-holder frame, stops to engage with said extensions when the card-holder frame is swung out of operative position, springs to hold said blocks against the platen when the card-holder
55 is in operative position, and to hold the extensions against the stops when the card-holder is out of operative position.

In testimony whereof I affix my signature in presence of two witnesses.

AUGUST SCHNEELOCH.

Witnesses:

C. C. SCHOENECK,
M. B. SMITH.