

M. WIESNER.
CLAMP FOR PAPER FILING DEVICES.
APPLICATION FILED JAN. 11, 1906.

931,978.

Patented Aug. 24, 1909.

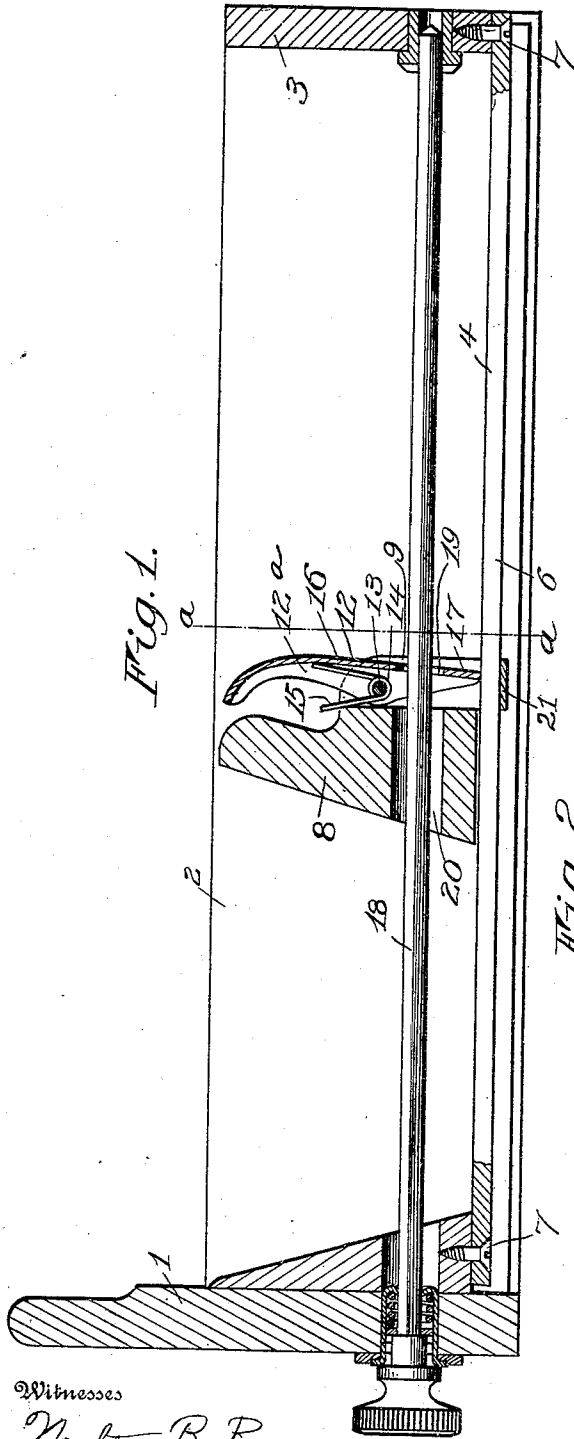


Fig. 1.

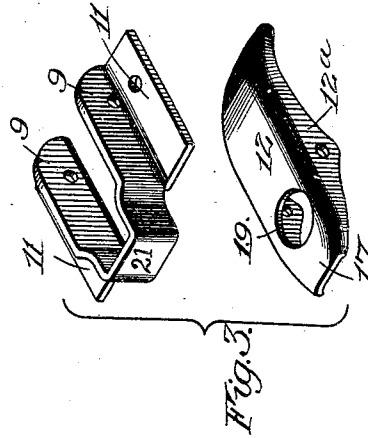


Fig. 3.

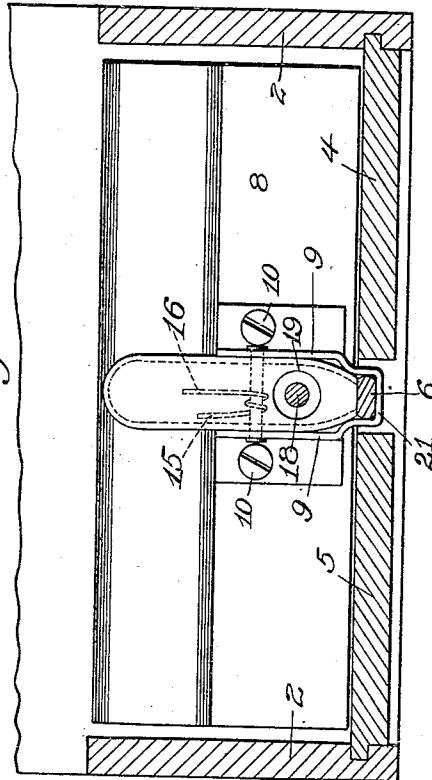


Fig. 2.

Witnesses

Walter B. Payne
Russell B. Duffell

Inventor
Moritz Wiesner
by Frederick F. Church
His Attorney

UNITED STATES PATENT OFFICE.

MORITZ WIESNER, OF ROCHESTER, NEW YORK, ASSIGNOR TO YAWMAN & ERBE MANUFACTURING COMPANY, OF ROCHESTER, NEW YORK, A CORPORATION OF NEW YORK.

CLAMP FOR PAPER-FILING DEVICES.

931,978.

Specification of Letters Patent. Patented Aug. 24, 1909.

Application filed January 11, 1906. Serial No. 295,579.

To all whom it may concern:

Be it known that I, MORITZ WIESNER, of Rochester, in the county of Monroe and State of New York, have invented certain new and useful Improvements in Clamps for Paper-Filing Devices; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming a part of this specification, and to the reference-numerals marked thereon.

My present invention relates generally to paper filing devices, but is particularly applicable to card index filing cabinets of that type wherein the drawer or container corresponds substantially in inside dimensions with the cards used and is provided with a follower whereby the latter are kept upright and compact in horizontal rows, both cards and follower having apertures if desired, for the reception of any preferred form of lock rod to prevent displacement of the contents, and it has for its object to provide the follower with an improved automatic clamping device for retaining it in the different positions occasioned by the varying quantities of cards employed against which it is longitudinally moved into contact and a further feature of my invention lies in the economy of parts and simplicity of construction embodied therein.

To these and other ends the invention consists in certain improvements and combinations of parts all as will be more fully explained hereinafter, the novel features being pointed out in the claim at the end of the specification.

In the drawings:—Figure 1 is a central, longitudinal section of a card index drawer embodying my invention. Fig. 2 is a cross section on the line *a—*a** of Fig. 1, and Fig. 3 is a detail perspective of detached parts.

In the drawings is represented an embodiment of my invention consisting of a drawer or receptacle having the front, side and back portions numbered respectively 1, 2 and 3, the bottom being preferably formed of two detached pieces 4 and 5 with the interval which separates them constituting a longitudinal central slot in which is located a bar 6 fastened at its respective ends to the front and back in any suitable manner, but in the present instance by screws 7. This bar is flattened upon its upper and lower sides for

purposes about to be described, and lies preferably with its top surface flush with the floor of the receptacle. The follower block 8 is, in itself, of the usual construction and is provided, preferably upon its rear side, with a yoke 21 extending beneath the bar 6 to engage the under side thereof and so shaped as to conform very closely thereto that the latter may act as a guide or way and prevent any undue motion in a direction other than that in which the follower is intended to travel. The yoke is formed of a continuous piece of flat material, the ends or arms 9 being disposed at right angles to the face of the follower and provided with flanges 11 secured to the latter as by the screws 10.

Operating within the yoke is a clamping lever or finger 12 having the backwardly-extending flanges 12^a pivoted on the pin 13 about which is coiled a spring 14 in such manner that the ends 15 and 16 bear against the follower and the upper arm of the lever respectively, to force that arm normally outward and hence move the opposite arm inwardly until the end 17 engages the surface of the bar 6. The length of this arm is such as to be only a little greater than the distance from the pivot to the cooperating surface so that when in engagement the lever is very nearly in a vertical position, though not quite so, and any force acting to move the follower backward will serve to make it bind and clamp the bar more tightly between it and the yoke. Nevertheless, ordinary pressure of the fingers upon the upper arm against the tension of the spring will release the clamp when the follower may be moved at will in either direction.

When a lock rod, such as that represented by 18, is used, it in no way interferes with the mechanism just described as it is readily accommodated by forming a registering aperture 19 in the lever and a corresponding one 20 in the follower.

It will be seen that the above construction comprises relatively few parts resulting in great simplicity of manufacture and operation. Both the yoke and the lever operating therein are capable of being and preferably are constructed from sheet metal blanks, stamped out in a single piece and then bent to their required form to the advantage that they require no finishing and may be manufactured cheaply in any quantity. The lever,

being entirely contained between the arms of the yoke, is protected by it so that it cannot be jammed against the rear wall of the receptacle when the follower is pushed back as far as possible and the construction also allows the yoke and follower to engage at opposite points on the bar resulting in a much firmer binding action.

I claim as my invention:

- 10 1. In a clamping device, the combination with a bar forming a track and a follower movable relatively thereto, of a yoke secured to the follower and arranged entirely in rear thereof, said yoke comprising substantially
15 parallel arms arranged laterally of the bar and a single connecting portion arranged entirely below and engaging beneath the bar, and a lever pivoted between the arms of the

yoke and engaging upon the upper surface of the bar.

- 20 2. In a clamping device for card index followers, the combination with a bar forming a track and a follower movable relatively thereto, of a yoke on the rear side of the follower having the connecting portion extending beneath the bar in rear of the follower, the rear edges of the yoke extending at right
25 angles from the rear of the follower, one of the arms being provided with a flange extending over the follower and secured thereto and a lever pivoted between the arms and
30 engaging the top of the bar.

MORITZ WIESNER.

Witnesses:

G. WILLARD RICH,
RUSSELL B. GRIFFITH.