March 22, 1938. B. H. KENNEDY 2,111,932

FILING DEVICE

Filed Aug. 3, 1936 2 Sheets-Sheet 1

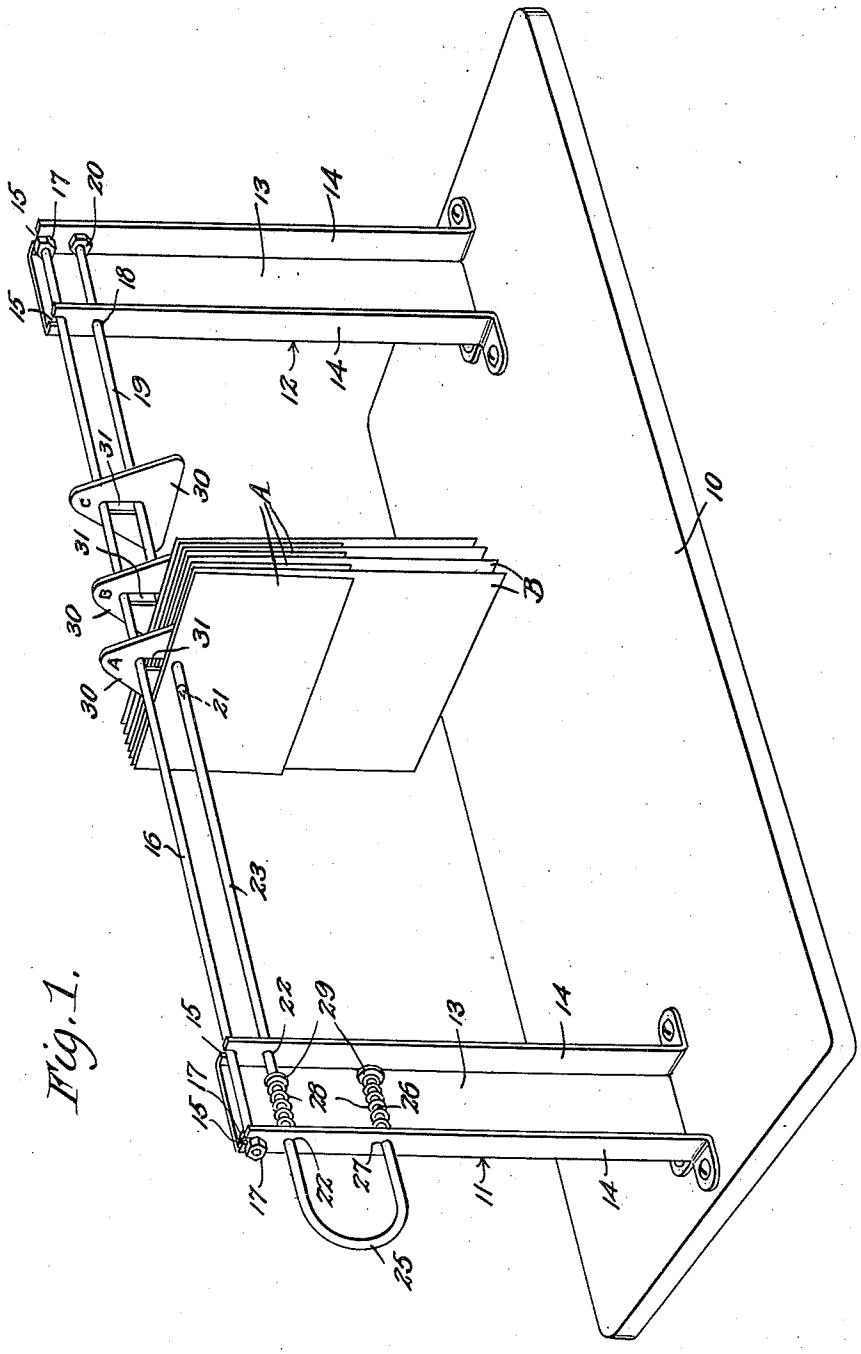


Fig. 1.

INVENTOR.
BENJAMIN H. KENNEDY

BY

Clark & Ott
ATTORNEYS

March 22, 1938. B. H. KENNEDY 2,111,932

FILING DEVICE

Filed Aug. 3, 1936 2 Sheets-Sheet 2

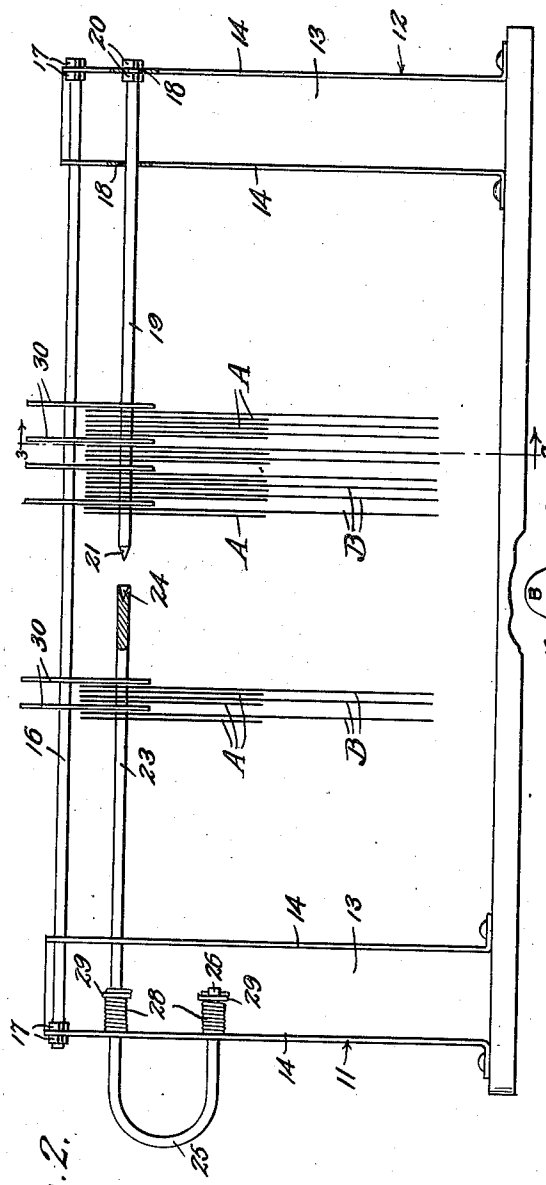


Fig. 2.

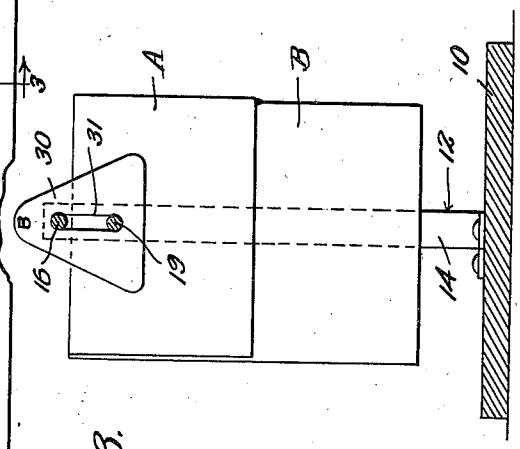


Fig. 3.

INVENTOR.
BENJAMIN H. KENNEDY

BY

Clark & Ott
ATTORNEYS

Patented Mar. 22, 1938 2,111,932

UNITED STATES PATENT OFFICE

2,111,932

FILING DEVICE

Benjamin H. Kennedy, Rochester, N. Y.

Application August 3, 1936, Serial No. 94,002

5 Claims. (Cl. 129—3)

This invention relates to filing devices and comprehends an improved device which is particularly adapted for the filing of current orders and invoices for ready reference.

Broadly, the invention resides in the provision of an improved filing device which is so constructed and arranged as to permit of the expeditious filing of current orders, invoices or the like in proper order whereby they are readily accessible for removal and readily visible and readable without the necessity of removing the same from the device.

More particularly the invention provides in a filing device of the character set forth, a pair of horizontally disposed spaced parallel upper and lower rods, the upper rod being continuous and the lower rod having fixed and movable sections, the movable section being guided for sliding movement on an axis coincident with the axis of the fixed section and resiliently maintained in contact therewith, but capable of manual retraction for the positioning of the invoices and orders thereon or removal of the same therefrom.

The invention further resides in a novel supporting means for the rods so as to rigidly support and maintain the same in relative position and to accurately guide the movable rod section to insure proper alignment of the same with the fixed section.

With these and other objects in view the invention is set forth in more detail in the following specification and in the attached drawings wherein there is disclosed a preferred embodiment thereof while the appended claims cover variations and modifications falling within the scope of the invention.

In the drawings:

Fig. 1 is a perspective view of a filing device constructed in accordance with the invention.

Fig. 2 is a side view thereof illustrating the movable rod section in retracted position.

Fig. 3 is a cross sectional view taken approximately on the line 3—3 of Fig. 2.

Referring to the drawings by characters of reference, 10 designates a preferably rectangular supporting base having a pair of standards 11 and 12 secured thereto adjacent the opposite ends thereof. The standards are each of channel construction with their webs 13 lying in a vertical plane which extends longitudinally of the base and in alignment with each other and with their flanges 14 lying in vertical planes which extend transversely of the base. The upper edges of the flanges 14 are formed with aligned notches 15 to receive an upper rod 16 which is removably retained in place by means of clamp nuts 17 threadedly engaging the opposite ends of the rod 16 to clampingly engage with the opposite surfaces of the outermost flanges 14.

The flanges 14 of the standard 12 are provided with aligned apertures 18 adjacent the upper ends thereof to receive a fixed rod section 19 extending therethrough and retained in place by clamp nuts 20 threadedly engaging the outer end thereof and clampingly engaging with the opposite surfaces of the outer flange 14. This rigidly supports the fixed rod section 19 in parallel spaced relation to and below the upper rod 16. The inner free end of the rod section 19 is provided with a pointed terminal 21. The flanges 14 of the standard 11 are provided with aligned apertures 22 which are also disposed in axial alignment with the apertures 18 and the fixed rod section 19.

A movable rod section 23 is mounted for guided sliding movement in the apertures 22 and is formed at its inner end with a socket 24 which is adapted to fit over the pointed terminal 21 of the fixed rod section 19. The outer end of the movable rod section 23 is formed with a reversely bent down turned U-shaped terminal 25, the extremity 26 of which extends through an aperture 27 in the outermost flange 14 of the standard 11 to provide a three point guided support for the movable rod section.

In order to provide means for normally urging the movable rod section 23 towards the fixed rod section 19 and to maintain the socketed inner end 24 in engagement with the pointed terminal 21, coiled expansion springs 28 are arranged over the portion of the movable rod 23 disposed between the flanges 14 and over the terminal 26 with one end of each spring abutting the outer flange 14 of the standard 11 and the opposite ends engaging collars 29 secured to the rod section 23 and terminal 26 respectively.

In use indexed spacer elements 30 having vertical slots 31 are slidably mounted and supported on the upper rod 16 and guided by the lower rod sections 19 and 23. This permits the indexed spacer elements to be shifted throughout the length of the rod 16 between the standards 11 and 12 so that the same may be separated and disposed on opposite sides of the juncture of the rods 19 and 23 for applying to the lower rod sections or removing therefrom any one of a number of perforated invoices A or order sheets B by retracting the movable rod section 23 in which instance the bight of the rebent U-shaped portion of the rod section 23 is utilized as a

handle. It will also be apparent that any one of the filed invoices or order sheets may be readily rendered visible and readable by separating the remaining ones therefrom. It is also obvious that the indexed separator elements **30** are initially emplaced on the rod **16** or by loosening the nuts **17** and the same may be replaced when worn or damaged in a like manner.

What is claimed is:

1. In a filing device, a pair of horizontally disposed spaced parallel upper and lower rods, the upper rod being fixed and continuous and the lower rod having fixed and movable sections, means for supporting said rods and for mounting the movable section for guided sliding movement on an axis coincident with the axis of the fixed section, index elements supported by the upper rod and having guided engagement with the lower rod, and means for resiliently maintaining the inner end of the movable rod section in engagement with the fixed rod section and for tensioning the same against separation.

2. In a filing device, an elongated base, standards secured to the opposite ends of the base, a horizontally disposed continuous rod secured at its opposite ends to the upper ends of said standards respectively, a rod section rigidly secured to one of the standards disposed below the continuous rod in spaced parallel relation thereto and extending towards the other standard, a mating rod section mounted in said other standard for guided sliding movement on an axis coincident with the axis of the fixed rod section, and means for resiliently urging the inner end of said movable rod section into abutting relation with the inner end of the fixed rod section and for tensioning the movable rod section against separation from the fixed rod section.

3. In a filing device, an elongated base, standards secured to the opposite ends of the base, a horizontally disposed continuous rod removably secured at its opposite ends to the upper ends of said standards respectively, a rod section rigidly secured to one of the standards disposed below the continuous rod in spaced parallel relation thereto and extending towards the other standard, a mating rod section mounted in said other standard for guided sliding movement on an axis coincident with the axis of the fixed rod section, index elements supported by the continuous rod and having guided engagement with the rod sections, and means for resiliently urging the inner end of said movable rod section into abutting relation with the inner end of the fixed rod section and for tensioning the movable rod section against separation from the fixed rod section.

4. In a filing device, an elongated base, a channel-shaped standard secured to each end of the base with the webs thereof lying in a vertical plane which extends longitudinally of the base and in alignment with each other and with their flanges lying in vertical planes which extend transversely of the base, said flanges having aligned notches in the upper edges, a continuous rod removably secured in the notched upper edges of the flanges, a rod carried by said standards in spaced parallel relation to the continuous rod and including a pair of separable sections, one being fixedly anchored to one of the standards and the other being mounted for guided sliding movement on an axis coincident with the axis of the fixed section through aligned bearing openings in the flanges of the other standard, the outer end of said movable rod section having a reversely bent terminal, the extremity of which extends through an aperture in the outer flange of said standard, and spring means for normally urging the inner end of the movable rod section into engagement with the inner end of the fixed rod section and for tensioning said movable section against retraction.

5. In a filing device, a pair of horizontally disposed spaced parallel upper and lower rods, the upper rod being fixed and continuous and the lower rod having fixed and movable sections, means for supporting said rods and for mounting the movable section for guided sliding movement on an axis coincident with the axis of the fixed section, index elements supported by the upper rod and having guided engagement with the lower rod, and means for moving and maintaining the inner end of the movable rod section in engagement with the fixed rod section.

BENJAMIN H. KENNEDY.