Nov. 12, 1940. K. V. GOODLOE 2,221,237

COPYHOLDER

Filed Aug. 6, 1940 3 Sheets-Sheet 1

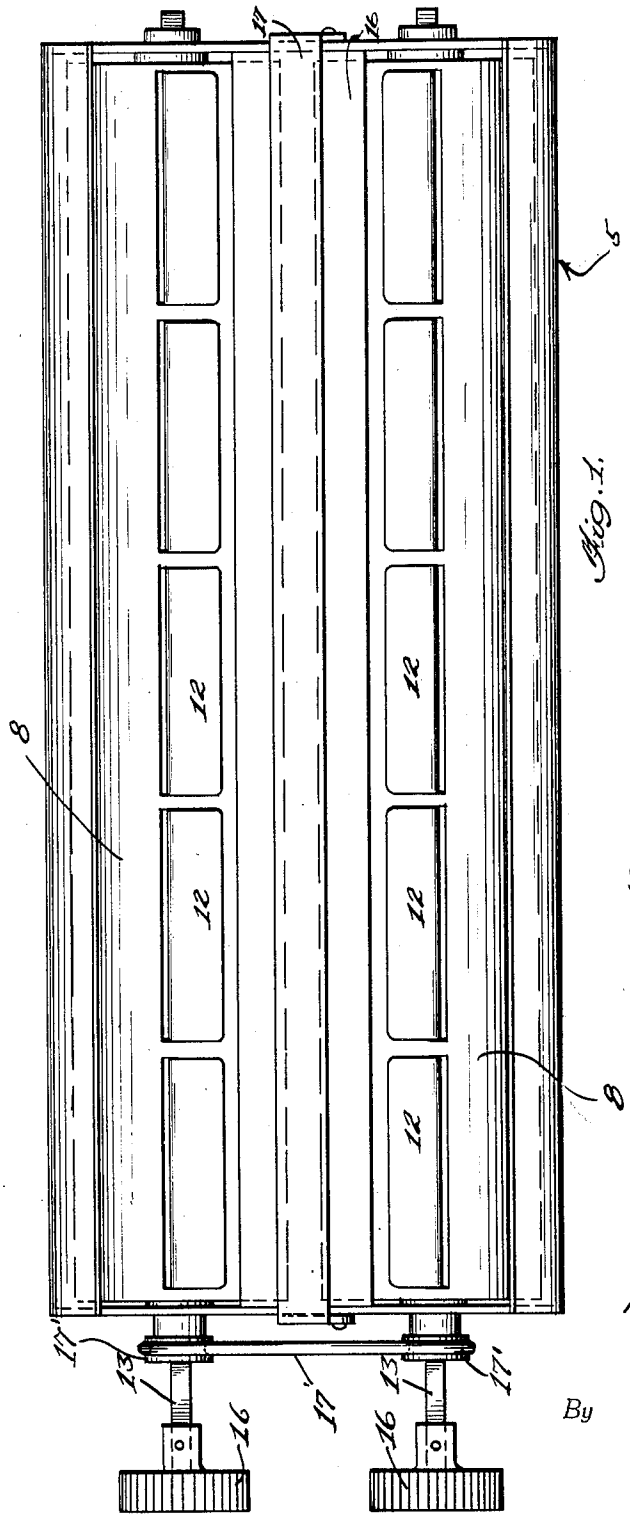


Fig. 1.

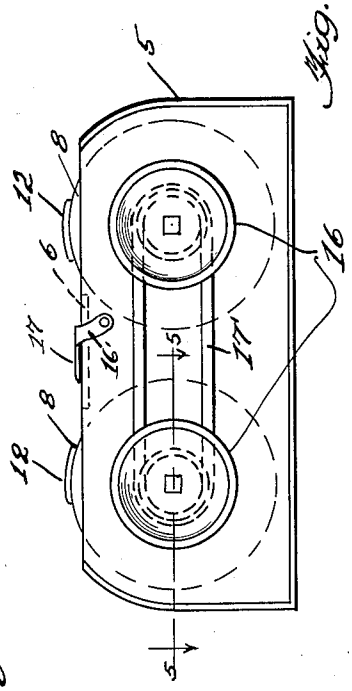


Fig. 2.

Inventor

Kenneth V. Goodloe

By Clarence A. O'Brien

Attorney

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COPYHOLDER

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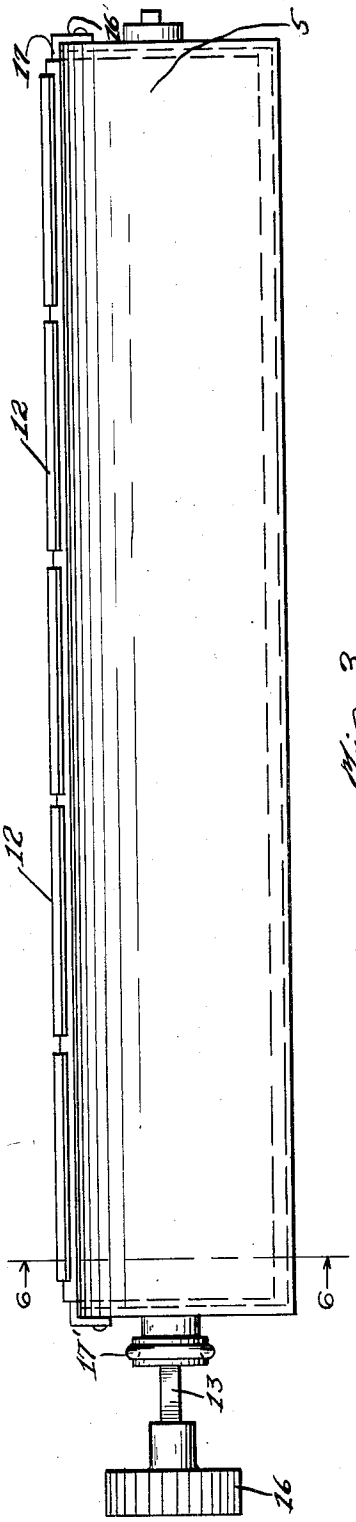


Fig. 3.

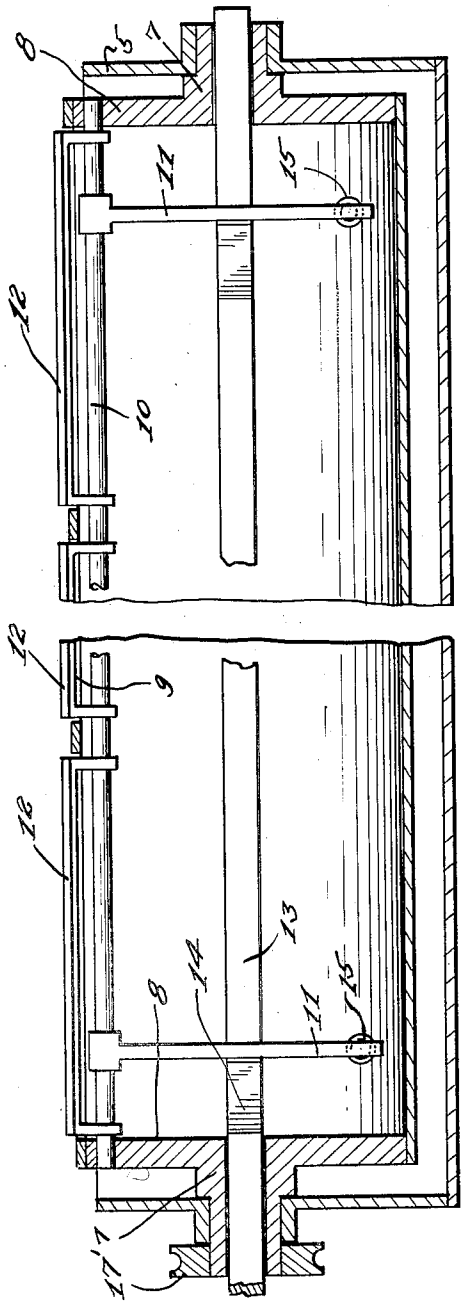


Fig. 4.

Inventor

Kenneth V. Goodloe

By Clarence O'Brien

Attorney

Nov. 12, 1940. K. V. GOODLOE 2,221,237

COPYHOLDER

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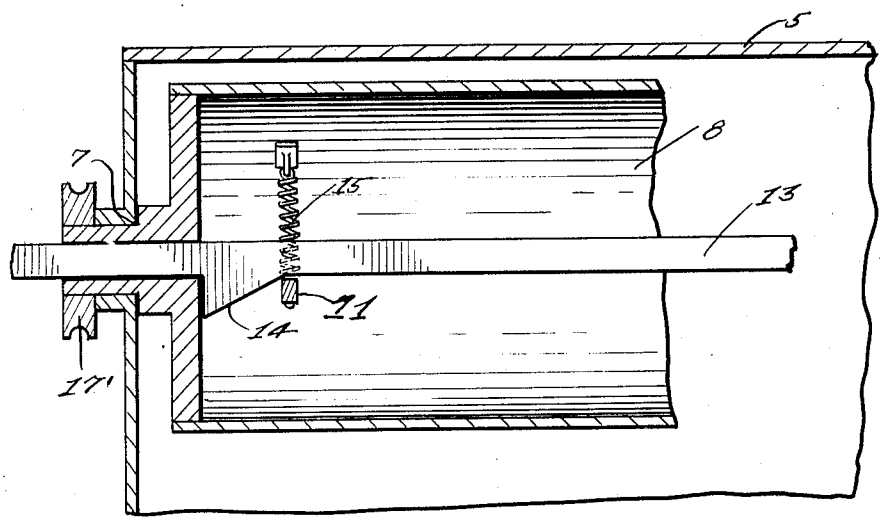


Fig. 5.

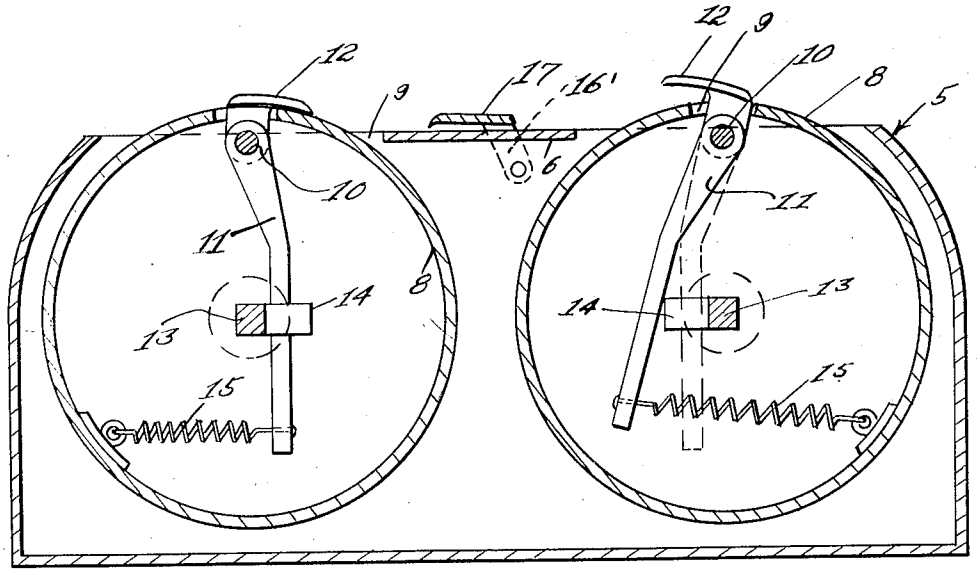


Fig. 6.

Inventor

Kenneth V. Goodloe

By Clarence A. O'Brien

Attorney

Patented Nov. 12, 1940

2,221,237

UNITED STATES PATENT OFFICE

2,221,237

COPYHOLDER

Kenneth V. Goodloe, Houston, Tex., assignor to Clarke and Courts, Houston, Tex., a corporation of Texas

Application August 6, 1940, Serial No. 351,572

3 Claims. (Cl. 120—31)

This invention relates to a copyholder which may be successfully used in conjunction with Linotype, Intertype and similar machines or with a typewriter and has for the primary object the provision of a simple, durable and compact device of the above stated character which will be extremely simple to operate and will permit easy and quick application and removal of a copy of transcript therefrom.

With these and other objects in view as will become more apparent as the description proceeds, the invention consists in certain novel features of construction, combination and arrangement of parts which will be hereinafter more fully described and claimed.

For a complete understanding of my invention, reference is to be had to the following description and accompanying drawings, in which

Figure 1 is a front elevation illustrating a copyholder constructed in accordance with my invention.

Figure 2 is an end elevation illustrating the device.

Figure 3 is an elevational view showing the device resting upon its rear wall.

Figure 4 is a vertical sectional view illustrating the means of detachably securing a copy or transcript on one of the drums or rollers.

Figure 5 is a fragmentary sectional view showing an operating rod for the clamping means, taken on line 5—5 of Figure 2.

Figure 6 is a transverse sectional view taken on the line 6—6 of Figure 3.

Referring in detail to the drawings, the numeral 5 indicates a rigid casing having the front thereof substantially fully open to form a window and traversing the window and extending longitudinally of the casing and carried by the end wall thereof is a guide plate 6 over which is adapted to travel a copy or transcript.

Journaled in the end walls of the casing are hollow pintles 7 of drums 8 which extend substantially the full length of the casing and are provided in the peripheries thereof with slots 9. Journaled in the end members of the drums paralleling the slots are shafts 10 and secured on the latter are arms 11. Clamping plates 12 coact with the peripheries of the drum in securing on the latter a copy or transcript and are provided with ears which extend through the slots and are secured on the shafts 10.

Extending through the hollow pintles 7 of the drums are squared shafts 13 on which are formed cams 14. Coil springs 15 are connected with the arms 11 for urging the latter in riding contact with the squared shafts. The shafts being squared and the bores of the pintles correspondingly shaped establishes a driving connection between the shafts and the drums and secured to the ends of the shafts are finger pieces 16. The shafts 13 are belted together, as shown at 17', whereby upon rotating one of the finger pieces the drums will be rotated for winding onto one of the drums from the other drum the copy or transcript.

The shafts 13 may be moved endwise for the purpose of bringing the cams 14 into engagement with the arms 11 to impart pivotal movement thereto which moves the clamping plates 12 into releasing position. The manuscript or copy can be easily removed or inserted at the clamping plates when they are open as shown in Figure 6. A reverse sliding movement of the operating shafts 13 will so position the cams 14 that the arms 11 may move under the action of the springs 15 causing the plates 12 to move into clamping position.

Pivotally mounted on the end walls of the casing are arms 16' carrying a gauge plate 17 which overlies the plate 6 and under which the copy or transcript moves. By aligning one of the edges of the gauge plate with a line of written matter on the transcript or copy simplifies the following of said line by the copyist.

A device of the character described in detail in the foregoing and clearly shown in the drawings is extremely simple to operate and may have a copy or transcript easily and quickly applied and removed therefrom and may be readily attached or arranged in any selected manner with various types of machines or typewriters to simplify the reading of a copy or transcript and will efficiently protect the latter.

While I have shown and described the preferred embodiment of my invention, it will be understood that minor changes in construction, combination and arrangement of parts may be made without departing from the spirit and scope of the invention as claimed.

Having described the invention, what I claim is:

1. In a device of the character described, a casing having a window, a guide plate traversing the window and carried by the casing, drums journaled in said casing, operating shafts connected to said drums for rotating the latter and capable of having limited sliding movement axially of said drums and extending exteriorly of the casing, finger pieces secured to said shafts, and clamping means coactive with the periph-

eries of the drums in securing a manuscript thereto and operated by the sliding movement of the shafts.

2. In a device of the character described, a casing having a window, a guide plate traversing the window and carried by the casing, a gauge plate pivoted on said casing and overlying the guide plate, drums journaled in said casing and including hollow pintles, shafts slidable through the drums and casing and having driving connection with the hollow pintles, finger pieces secured to said shafts, clamping plates coacting with the peripheries of the drums in securing a copy on the drums for movement over the guide plate and under the gauge plate, journals for the clamping plates and located within the drums, arms connected with the journals of the clamping plates, operating shafts slidably mounted in the drums and casing and having cams thereon to engage said arms for moving the clamping plates into releasing position, springs connected to said arms for urging the latter to ride against the shafts.

3. In a device of the character described, a casing having a window, a guide plate traversing the window and carried by the casing, a gauge plate pivoted on said casing and overlying the guide plate, drums journaled in said casing and including hollow pintles, shafts slidable through the drums and casing and having driving connection with the hollow pintles, finger pieces secured to said shafts, clamping plates coacting with the peripheries of the drums in securing a copy on the drums for movement over the guide plate and under the gauge plate, journals for the clamping plates and located within the drums, arms connected with the journals of the clamping plates, operating shafts slidably mounted in the drums and casing and having cams thereon to engage said arms for moving the clamping plates into releasing position, springs connected to said arms for urging the latter to ride against the shafts, and drive means connecting said shafts.

KENNETH V. GOODLOE.