Nov. 13, 1934. B. E. HAYES 1,980,587

COMPOSITOR'S COPY RACK

Filed Dec. 21, 1933

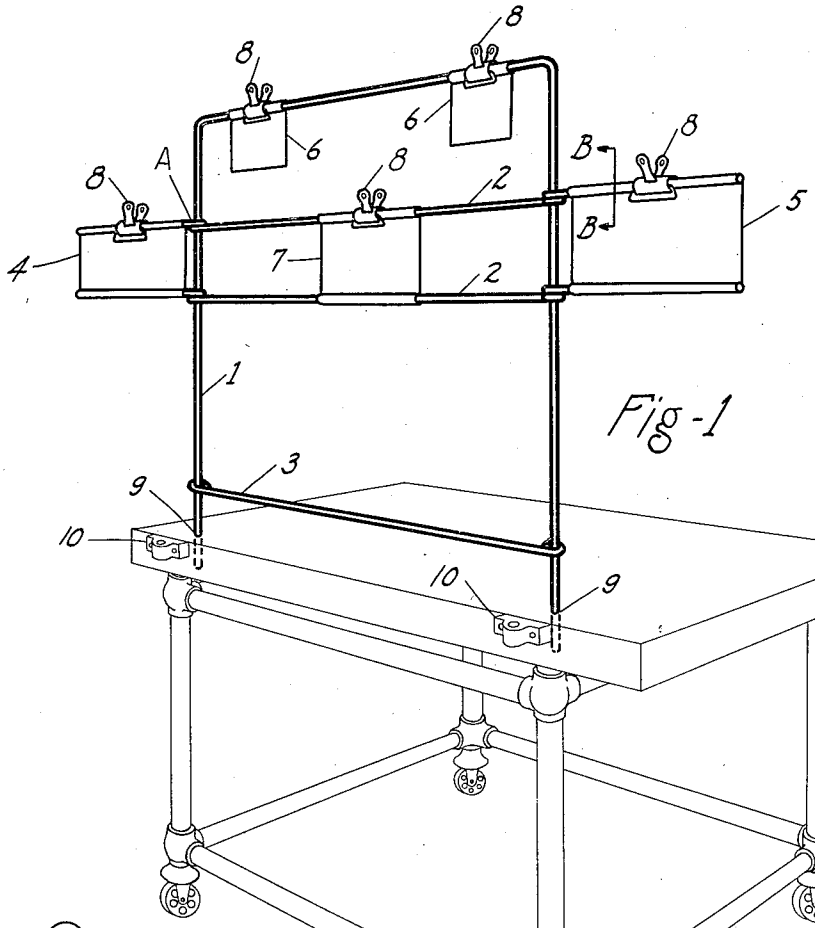


Fig-1

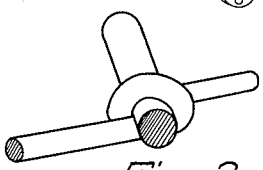


Fig-2

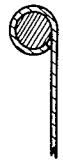


Fig-3

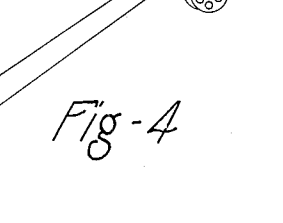


Fig-4

Ben E. Hayes
INVENTOR

BY L. E. Latta
ATTORNEY

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COMPOSITOR'S COPY RACK

Ben E. Hayes, Jackson, Mich.

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1 Claim. (Cl. 276—1)

My invention relates to improvements in copy holders or racks, for use by compositors in printing offices, in connection with stereotype trucks of "turtles", whereupon the printer's chase and assembled type matter are laid for the purpose and in the process of placing the latter in proper relation, composition and form in the chase, prior to its going to the printing press.

The common practice in composing rooms at the present time is to deposit all printer's copy, dummy of the make-up, instruction sheets and like matter supplied to the compositor, upon the truck or turtle along with the chase, assembled type and other matter used in and about the composition of the form of the proposed printed page. This practice is inconvenient and annoying to the compositor and causes loss of time, loss and injury to copy and type set-ups, and generally, many disturbances in the compositor's operations.

The principal object of my invention is to provide a practical and convenient means and place for holding the printer's copy, dummy, instruction sheets and like matter where the same are at one and the same time kept off of the top of the truck and out of the way of the handling and placing of the type set-ups, and yet in a practical and accommodating place and disposition, of easy access when required.

My invention provides for the convenient and orderly placing and holding in readiness for use of the printer's copy in like sequence and numerical order as the type set-up for the same is to occupy in the chase. The type set-ups bear numbers which designate their relative and respective positions in the chase, from number one upwards, as required. The copy for each type set-up bears the same number as the set-up. The dummy is divided into spaces, each space designating the position which a certain type set-up is to occupy in the chase, and each such space bearing the same number as the set-up which is to occupy it.

All printer's copy, the set-ups of which are to be placed in the chase, are so numbered and then assembled in a pile in consecutive numerical order, with copy number one on the top. The pile is then placed, face forward, and held in its proper place in the "compositor's rack."

The device embodying my invention, also provides for holding in like convenient position, the dummy. It also provides for convenient and safe disposal of each piece of printer's copy, after the type set-up thereof has been assembled in its proper position in the chase, by removing said used copy to a place provided therefor in the device, thus leaving the next consecutively numbered piece of copy exposed for like use and disposition.

Thus the object of the invention is attained. The copy, dummy, instruction sheets and other matter are removed from disorderly array upon the top of the chase and type matter; the latter are left free for handling, while the former are disposed in order and within the range of vision of the compositor.

I accomplish a further object by my invention, namely, a greater convenience and saving of time in the composition of printed matter; also avoid loss and destruction of copy and type matter, and generally facilitate the smooth and unhindered operations of the compositors in the printing industry.

Another object of my invention is to provide a device which is rugged in form and material of construction, not easily broken or destroyed, simple of use and operation and which can be manufactured and sold at a price which will make it available for common use in the field of its contemplated use.

The accompanying drawing and the following description disclose a preferred form of my invention, and other objects and advantages of the invention will appear therefrom.

In the drawing, Figure 1 represents a rear elevation view in perspective of a compositor's copy rack, embodying a preferred form of my invention, mounted upon the top of a stereotype truck or turtle; Figure 2, a perspective and partial sectional detail view at point A on Figure 1, showing the manner of attaching the cross members 2 and 2 to the frame member 1; Figure 3, a sectional view taken along the line B—B in Figure 1, showing the manner of making marginal reinforcements of the wings 4 and 5; and Figure 4, an elevation view in perspective of a stereotype truck, commonly called a "turtle", showing the compositor's copy rack, Figure 1, mounted thereupon. It is to be understood that the stereotype truck is not a part of my invention, nor in any way included or covered in my claim.

The entire device is made of steel or other suitable materials, which are adaptable for the intended purposes.

Similar numerals refer to similar parts throughout the several views.

Numeral 1 is the member comprising the frame of the rack.

Numerals 2—2 are frame reinforcing cross-members, composed of steel wire or other suitable material, fixedly attached to frame member 1 at points of contact therewith, and located near the top of the rack. The reinforcing members are extended at one side beyond the confines of the rack frame, and also serve to effect marginal reinforcements to the winglike member 4. There may be, if desired, a greater number of cross members 2 disposed at desired intervals across the frame, according to the num-

ber of winglike members 4 which may be desired to add, as hereinafter stated.

Numeral 3 is a frame reinforcing cross-member, fixedly attached to frame member 1 at points of contact therewith. There may be a plurality of said members 3, disposed at any desired intervals above and below the position of the member 3 which is shown in the drawing, if more than one of same is found desirable.

Numeral 4 is a winglike member connected on one side of the rack to frame member 1 by being rigidly attached to the extensions of cross-members 2—2. This member is composed of light gauge terne plate or other sheet metal, its function being to support in a suspended manner the pile of live printer's copy while the same is in use by the compositor, and to furnish a support or mounting for the member which so holds said copy.

Numeral 5 is a winglike side member, composed of light gauge terne plate or other sheet metal, the upper and lower margins of which are reinforced by steel wire or other suitable material. These reinforcing wires are extended at one end of the wing, and turned in such manner as to form eyelike terminals thereto. The said terminals are formed around frame member 1 so as to form a hinge like connection between frame and wing, permitting the latter to be swung backward and forward as desired. The function of this member 5 is to form a support for dead or used printer's copy after the composition of the type set-up thereof is completed. Said member also acts as a support or mounting for the member that holds the copy in place when hung upon the rack. Wing 5 is mounted on frame substantially opposite wing 4. The purpose of making wing member 5 susceptible of being swung backward and forward is to permit its being folded back against the rear side of the rack, out of the way of, and free from collisions with persons or other moving objects, when not required to be in forward position.

While one only of each fixed and movable winglike member is shown and described respectively, nevertheless, it is to be understood that a plurality of each or either of these wings 4 and 5 may be, in like manner as above described, attached to frame member 1, at suitable intervals below the positions of the said wings respectively, as here shown in the drawing.

Numerals 6—6 are light gauge sheets of terne plate or other suitable metals, mounted fixedly at the top of frame member 1, near the respective upper corners thereof, and pendant therefrom, their functions being to support the compositor's dummy sheet and afford mountings for the members that hold the dummy in the desired position when it is hung upon the rack.

Numeral 7 is a light gauge metal sheet like unto members 6—6, fixedly attached to frame reinforcing cross-members 2—2, and midway between the sides of the frame, the same functioning as a support for such compositor's materials as instruction sheets and diagrams, and as a mounting for the member which holds such materials in place when hung upon the rack.

Numerals 8—8—8—8—8 are spring paper clips, such as may be procured at stationery stores. The same may be fixedly mounted in their respective positions, as shown, on wings 4 and 5 and on plates 6—6 and 7, or, at the option of the manufacturer, they may be merely hung astride the top of said members without being firmly attached thereto. These are my preferential forms of holding members, designed to hold the compositor's copy, dummy and instruction sheets in place upon the rack. It is obvious however, that other means of holding copy, dummy and other such matter in place upon the rack, may be adopted, such as hooks, clamps or pins, at the option of the manufacturer, without departing from the spirit of my claim.

The rack may be installed upon the stereotype truck, or upon any other article of furniture or fixture where its functions may be performed, by what I consider as the preferred method of inserting the lower ends of the side frame member 1 into sockets 9—9 in the top of the truck. The manner of mounting the rack is not a factor of my invention, nor covered or included in my claim.

The mounting may be accomplished in a number of ways, one of which is illustrated in Figure 4 by numerals 10—10 which represent brackets attached to the truck top for the purpose. Any such method of mounting the rack may be used without departing from the spirit of my invention and claim. The illustrations of different methods of mountings given in the drawing and description, are merely for the purpose of more fully disclosing the application and utility of my invention.

Having thus described my invention, what I claim is:

A compositor's copy rack, comprising a frame having a plurality of reinforcing members, laterally disposed crosswise thereof, at any desired intervals, and two or more of said cross-members being located near the top of the frame and all of same being fixedly attached to the frame at points of contact therewith, and the corresponding ends of any two or more of said cross-members being extended beyond one outward vertical side of the frame and forming marginal reinforcements and supports to platelike members fixedly attached thereto so as to comprise rigid winglike attachments to the rack; and movably attached to the opposite, outward, vertical side of the frame, one or more similar winglike members comprising plates with marginal reinforcement rods extending lengthwise of the plates and beyond the same at one end thereof, said extended ends of the rods being turned around the side member of the frame so as to form a hingelike attachment between said movable winglike member and the rack frame, in such manner as to permit a backward and forward swinging movement of the said movable member; and having fixedly mounted in pendant position upon the top of the rack frame, and upon any one or more of the frame cross-members, platelike members, and mounted upon said platelike members and upon the fixed and movable winglike members suitable means for holding in place upon the rack, printer's copy, dummy sheets, instruction sheets and other like printer's materials, as substantially set forth.

BEN E. HAYES.