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M. HASSETT

2,140,674

TYPER'S STAND

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Fig. 1.

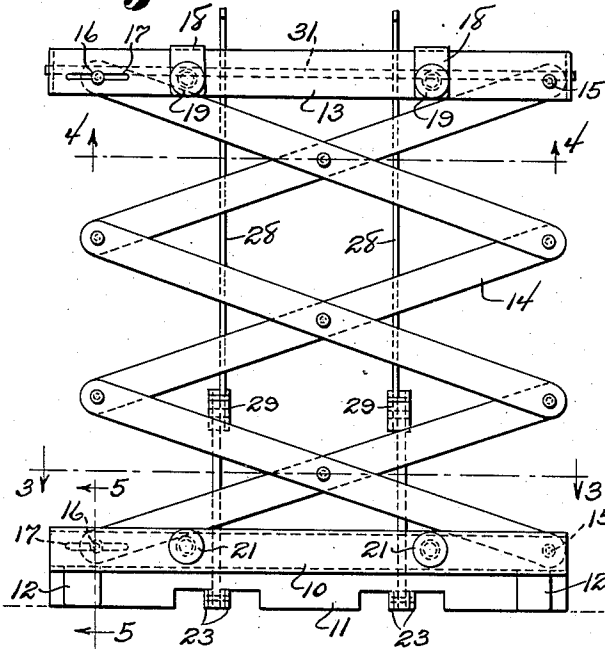


Fig. 2.

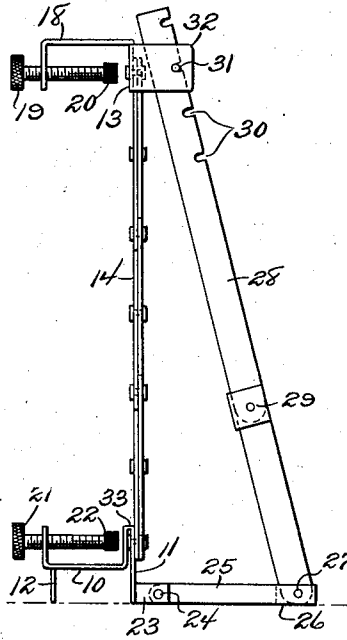


Fig. 3.

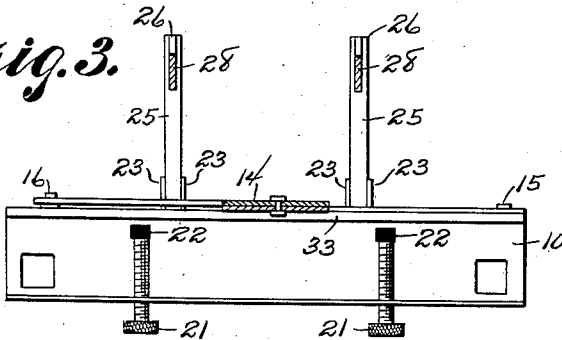


Fig. 5.

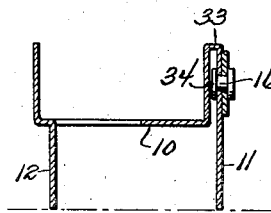
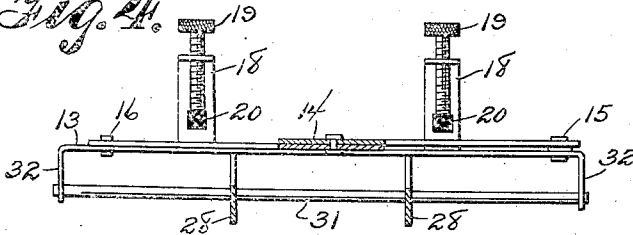


Fig. 4.



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TYPER'S STAND

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3 Claims. (Cl. 120—28)

The invention relates to a typer's stand and more especially to a copy holder or typewriter easel.

The primary object of the invention is the provision of a device of this character, wherein copy work can be conveniently held and such device is susceptible of adjustment so that it will accommodate different sizes of work and hold the same in a position for the easy reading of matter, the device being novel in its entirety.

Another object of the invention is the provision of a device of this character, wherein the construction thereof allows the collapsing or folding of the same when not in use so that it will occupy the least possible space when stored or otherwise placed during disuse thereof.

A further object of the invention is the provision of a device of this character, wherein the same has in association therewith weight members which assures steadiness to the device when set up for use and such device in this condition will be rigid, holding copy matter properly for convenience to a typist.

A still further object of the invention is the provision of a device of this character, which is simple in construction, thoroughly reliable and effective in operation, easy of adjustment, readily and conveniently collapsed or folded, and inexpensive to manufacture.

With these and other objects in view, the invention consists in the features of construction, combination and arrangement of parts as will be hereinafter more fully described, illustrated in the accompanying drawing, which discloses the preferred embodiment of the invention and pointed out in the claims hereunto appended.

In the accompanying drawing:

Figure 1 is an elevation of the device constructed in accordance with the invention set up for use.

Figure 2 is a side elevation thereof.

Figure 3 is a sectional view taken on the line 3—3 of Figure 1 looking in the direction of the arrows.

Figure 4 is a sectional view taken on the line 4—4 of Figure 1 looking in the direction of the arrows.

Figure 5 is an enlarged sectional view taken on the line 5—5 of Figure 1 looking in the direction of the arrows.

Similar reference characters indicate corresponding parts throughout the several views in the drawing.

Referring to the drawing in detail, the device constituting the present invention is a typer's

stand or copy work holder, comprising a clamping base formed from sheet metal although it may be made from any other suitable material cut and bent on itself to provide a channeled body 10 having at its rear wall a downwardly directed rear supporting flange effecting a leg 11 while cut and bent from the bottom of the said body are down-turned front supports or legs 12; these cooperating with the rear flange or leg 11 for supporting the body 10 slightly elevated from a rest therefor.

Above this channeled body 10, which is the base member of the device, is a vertically movable clamping head in the form of a flat bar 13, preferably made from metal although it may be made from any other material, and between the latter and the said channeled body 10 is a lazy tongs 14, the end levers of the same being pivoted at 15 and slidably connected at 16, respectively, to the said body and bar, so that the bar 13 can be adjusted or moved relative to the body 10 in the racking of copy work in the device. Both the body 10 and the bar 13 at the point of slidable connection at 16 are slotted as at 17, the extent of these being such as to allow the extension and contraction of the lazy tongs 14 for the collapsing or folding of the device and also for the proper adjustment within reason of the bar 13 relative to the body 10.

The bar 13 has projected forwardly therefrom and integrally formed with the same a pair of spaced clamping yokes 18, these being fitted with set or binding screws 19 having their ends confronting the bar 13 rubber tipped as at 20. The body 10 at the front wall thereof has fitted therein spaced clamping or set screws 21 which are identical to the screws 19 and carry the rubber tips 22 in confronting relation to the back wall of said body 10, these set or binding screws being for the purpose of clamping and holding copy work within the device. The lowermost portion of the work is received in the channeled body 10 while the upper portion of such work is accommodated within the said yokes.

Cut and bent from the flange 11 are rearwardly directed spaced ears 23, these being pivot bearings for pivots 24 swingingly connecting thereto a pair of weight arms 25, which are adapted for swinging movement and for rest upon a support carrying the device, the purpose of these arms 25 being for maintaining steadiness to the device when set up for use to avoid toppling over or otherwise displacement of the same. The arms 25 are formed with forked outer ends 26 carrying pivots 27 swingingly connecting thereto break

jointed props 28, the break joint of each being indicated at 29, and each prop is suitably notched at 30 for adjustable connection with a keeper rod 31, being selectively engageable in the notches 30. This rod 31 is fitted in hanger ears 32 bent outwardly from the bar 13 at opposite ends and in a rearward direction thereto. Thus by the use of the props 28, the device is susceptible for latching in an extended or contracted position within reasonable limits and the extension and contraction is had through the lazy tongs 14 thus shifting the bar 13 relative to the channeled body 10.

The props 28, by reason of the break joints 29, which break inwardly or in the direction of the lazy tongs 14, can be readily moved between the bar 13 and the keeper rod 31 so as to enable the selective engagement of this rod 31 within the notches 30 in said props, the latter being spaced a determined distance from each other and in this fashion the extent of adjustment of the device is attained.

The rubber tips 20 and 22 on the screws 19 and 21, respectively, avoid any disfiguring of the work clamped within the device or in the marring of such work when so clamped.

The break joint in the prop 28 is of a kind to assure frictional holding at said joints.

The arms 25 can be readily swung upwardly and inwardly against the rear flange 11 of the body 10 when the props 28 are disengaged from the rod 31 and such props will be carried between the bar 13 and the rod 31 for contracting the device when the lazy tongs 14 have been contracted so that such device in this collapsed or folded condition can be conveniently stored in the least possible space when not in use.

The props 28 when engaged with the keeper rod 31 hold the lazy tongs 14 in a substantially upright position and the copy work will be held in a manner for convenience to a typist or other person conveniently for copying purposes.

The rear wall of the body 10 has a fold 33 therein and the pivot connection 15 and slidable connection 16 are retained in this fold 33 as the headed ends 34 are confined within the fold.

The screws 19 and 21 are disposed forwardly of the body 10 and the bar 13, being convenient for

ready manipulation for the clamping and unclamping of work within these parts of the device. The work will be sustained smooth and flat and in clearly visible position for copying purposes. The device in its assembly can be placed at rest upon any suitable support such as a table, desk or the like when in a setup condition.

What is claimed is:

1. A device of the character described comprising a clamping base having a channeled body provided with front and rear depending supports, a movable bar-like head piece above said base, lazy tongs having connection with the base and head piece for relative adjustment of the latter with respect to said base, clamping yokes formed with the head piece, binding screws in said yokes and channeled base for clamping of work therein, arms fitted with said base, and props associated with the arms and adjustably engageable with the head piece.

2. A device of the character described comprising a clamping base having a channeled body provided with front and rear depending supports, a movable bar-like head piece above said base, lazy tongs having connection with the base and head piece for relative adjustment of the latter with respect to said base, clamping yokes formed with the head piece, binding screws in said yokes and channeled base for clamping of work therein, arms fitted with said base, props associated with the arms and adjustably engageable with the head piece, and break joints formed in said props.

3. A device of the character described comprising a clamping base having a channeled body provided with front and rear depending supports, a movable bar-like head piece above said base, lazy tongs having connection with the base and head piece for relative adjustment of the latter with respect to said base, clamping yokes formed with the head piece, binding screws in said yokes and channeled base for clamping of work therein, arms fitted with said base, props associated with the arms and adjustably engageable with the head piece, break joints formed in said props, and a keeper rod fitted with the head piece and selectively engageable with the props.

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