June 5, 1956 M. T. LEAHY 2,748,926

MICROMETER SUPPORT

Filed March 17, 1952

Fig. 1.

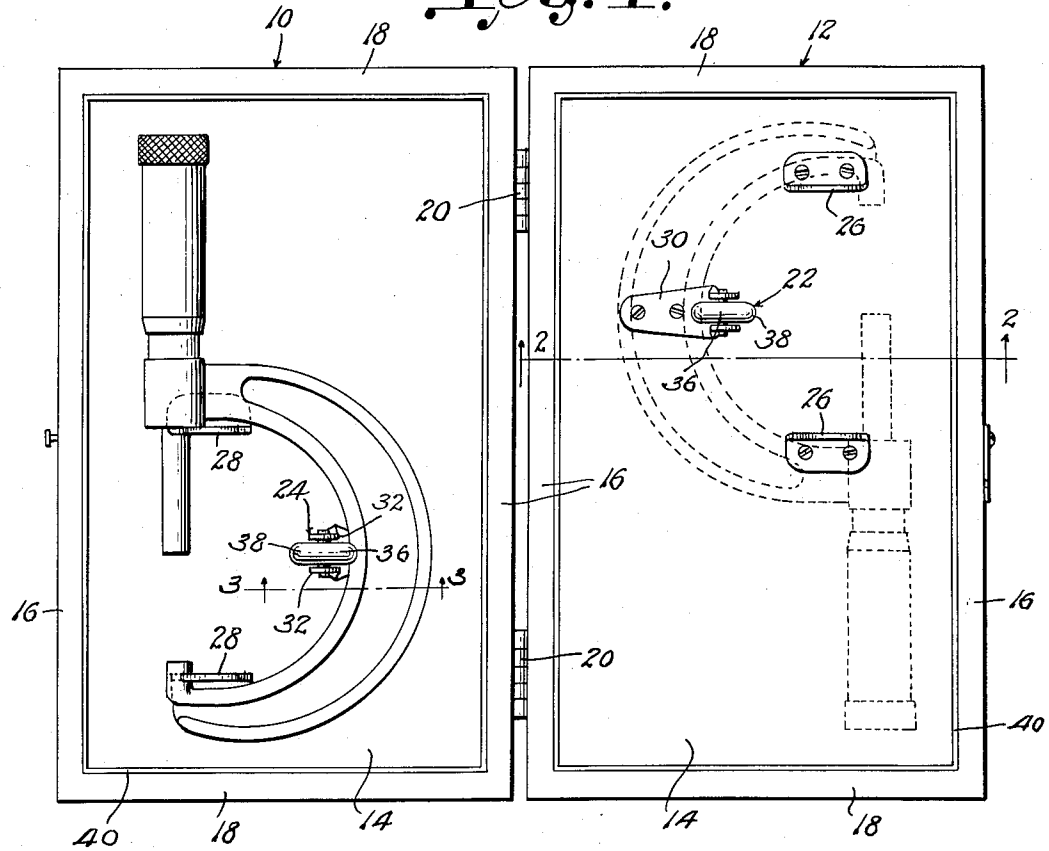


Fig. 2.

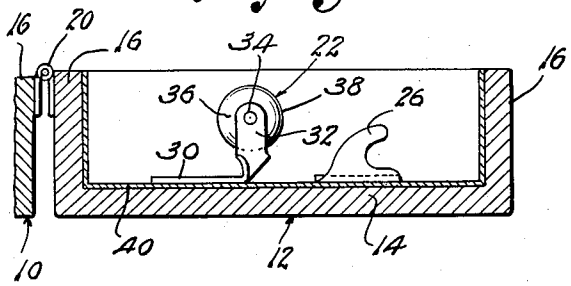
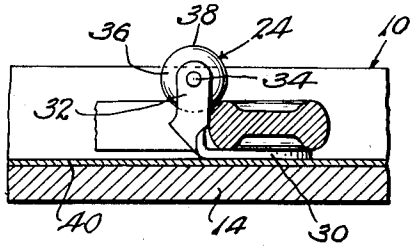


Fig. 3.



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MICROMETER SUPPORT

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1 Claim. (Cl. 206—16)

This invention relates to a micrometer case and more particularly to a case for supporting a micrometer when it is not in use and to facilitate the transportation of the micrometer.

Another object is to support and protect a pair of micrometers and at the same time preserve them ready for instant use when the need arises.

The above and other objects may be attained by employing this invention which embodies among its features a hollow rectangular bottom unit and a hollow rectangular top unit, each unit comprising a bottom wall, spaced parallel side walls and spaced parallel end walls, hinges connected to adjacent side walls of the respective units remote from the bottom walls for so joining the units that they may be moved about a common axis from a closed position in which access to the interior of a unit is obstructed by the other unit to an open position in which the interiors of both units are freely accessible, a yielding clip carried by the bottom wall of the bottom unit to one side of a plane extending transversely of the case midway between opposite ends thereof, said clip projecting into the interior of said bottom unit adjacent the side wall thereof carrying the hinges, a second yielding clip carried by the bottom wall of the top unit on the opposite side of the aforesaid plane and extending into the top unit adjacent the side wall thereof carrying the hinges, hooks carried by the bottom wall of each unit adjacent the side wall remote from the hinges, and said hooks extending into the interiors of their respective units and being equally spaced from opposite sides of the clips in their respective units for engaging the anvil and spindle of a micrometer while the bight portion of the micrometer frame is engaged by an adjacent clip.

Other features include a clip comprising an elongated base carrying adjacent one end a pair of spaced ears which extend laterally from the base, a roller carried by the ears for rotation between them about an axis which lies perpendicular to the longitudinal axis of the base and a tire of yielding material carried by the roller.

In the drawings,

Fig. 1 is a plan view of a case and micrometer carrier embodying the features of this invention showing the case in open position,

Fig. 2 is a fragmentary sectional view taken substantially along the line 2—2 of Fig. 1, and

Fig. 3 is a fragmentary sectional view taken substantially along the line 3—3 of Fig. 1.

Referring to the drawings in detail a case comprises a top unit designated generally 10 and a bottom unit designated generally 12. Each such unit comprises a bottom wall 14 of elongated rectangular form which carries adjacent opposite side edges perpendicularly extending side walls 16 and adjacent opposite ends perpendicularly extending end walls 18. Secured to adjacent side walls 16 of the top and bottom units 10 and 12 remote from the bottom walls 14 thereof are hinges 20 by

means of which the units may be folded one upon the other.

Carried by the bottom wall of the bottom unit to one side of a plane extending transversely of the case midway between opposite ends thereof is a clip designated generally 22 which as illustrated in the drawings projects into the bottom unit adjacent the side wall thereof carrying the hinges 20. A similar clip 24 is carried by the bottom wall 14 of the unit 10 on the side of the aforesaid plane opposite that on which the clip 22 is located and the clip 24 extends into the interior of the unit 10 adjacent the wall 16 thereof carrying the hinges 20.

Carried by the bottom wall 14 of the unit 12 and extending thereinto on opposite sides of the clip 22 and equidistant from said clip are hooks 26 which project into the interior of the unit 12 for engagement with the anvil and spindle of a micrometer frame, the bight portion of which is engaged by the clip 22. Similar hooks 28 are carried by the bottom wall 14 of the top unit 10 equidistant from opposite sides of the clip 24 therein and these hooks 28 extend into the interior of the unit 10 adjacent the side wall 16 thereof remote from the hinges 20.

Each clip 22 comprises an elongated base plate 30 carrying adjacent one end upwardly extending spaced parallel ears 32 which are pierced with aligned openings for the reception of a spindle 34 on which a roller 36 having a cushioned periphery 38 is mounted to rotate between the ears. As illustrated in the drawings the base plates 30 of the clips 22 and 24 are so disposed within their respective units 10 and 12 that they extend toward the wall 16 thereof carrying the hinges 20. It will thus be seen that the bight portion of a micrometer mounted in a unit will overlie the base plate 30 to be yieldingly clamped between it and the periphery 38 of the adjacent roller 36.

Obviously if so desired the units 10 and 12 may be lined with a suitable cushioning material 40.

In placing a micrometer in a unit, it is so positioned that the anvil and spindle of a micrometer frame engage the hooks in the unit and by pressing the bight portion of the micrometer frame downwardly about the axis of the anvil of the micrometer and the spindle thereof, the micrometer frame will engage the cushioned periphery 38 of the roller in its respective unit to offer resistance to movement of the micrometer frame as it passes the center of the roller so that when it is disposed between the roller and the base 30 of the clip it will be held in place under yielding pressure.

While in the foregoing there has been shown and described the preferred embodiment of this invention it is to be understood that minor changes in the details of construction, combination and arrangement of parts may be resorted to without departing from the spirit and scope of the invention as claimed.

What is claimed is:

A micrometer and a support therefor comprising a base formed of a bottom wall, opposite side and end walls, a cover, means hinging said cover to said base, a pair of hooks, means securing said hooks to said bottom wall in spaced apart relation, said hooks extending perpendicularly from said base and facing in the same direction, and a wheel resiliently mounted on the bottom wall disposed between said hooks and positioned laterally and rearwardly of the closed sides of said hooks, the spindle and stationary anvil of the micrometer engaging in the open sides of said hooks, said wheel engaging in the concave inner side of the curved micrometer arm.

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