July 2, 1963 S. M. SMITH 3,095,835

DRAFTING EQUIPMENT RECEPTACLE

Filed June 20, 1961

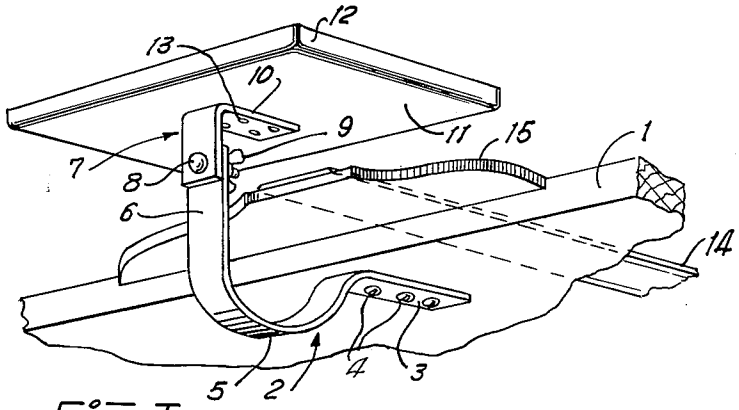


Fig. I

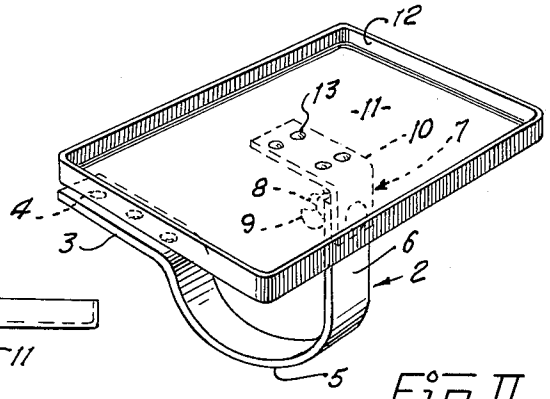


Fig. II

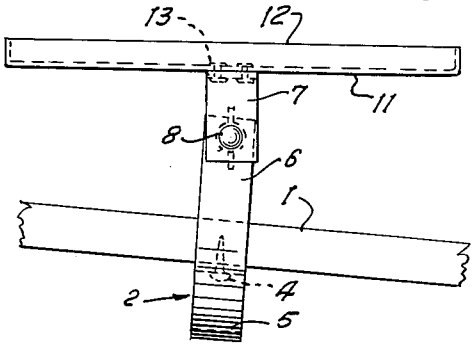


Fig. III

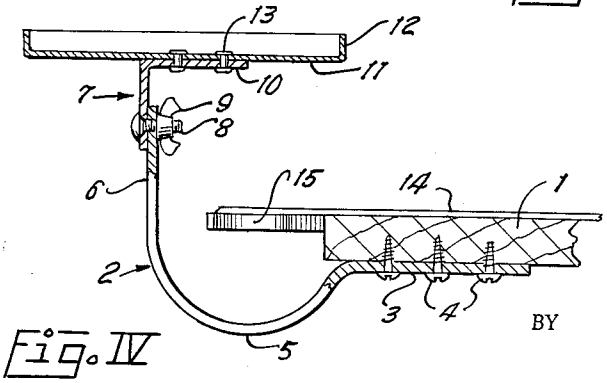


Fig. IV

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3,095,835
Patented July 2, 1963

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3,095,835

DRAFTING EQUIPMENT RECEPTACLE

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Filed June 20, 1961, Ser. No. 118,404
3 Claims. (Cl. 108—25)

This invention is concerned with a receptacle arranged to be attached to the edge of a drafting table or the like in which may be deposited and maintained drafting or drawing materials and instruments, such as pencils, erasers, dividers, and the like in a convenient place where they are easily accessible to the draftsman and at the same time do not interfere with the full utilization of the top of the table.

Drafting material and instruments receptacles have heretofore been provided for depositing on top of the table or for clamping to the edge of the table in such a manner that they obstructed the full use of the top surface of the table and/or obstruct the use of a portion of the edge of the table so that a T-square or like instrument could not be effectively utilized over the full surface of the table.

A primary object of this invention is to provide a receptacle attachable to a drafting table or the like in such a manner that the receptacle does not obstruct the full use of the entire surface of the table, or the edge thereof.

A further object of the invention is to provide a receptacle attachable to a drafting table or the like which does not obstruct the use of the entire surface of the top of the table or the edge thereof, and which is adjustable to horizontal position, even though it be attached to a slanted surface.

A specific object of the invention is to provide a receptacle attachable to a drafting table or the like, which includes a bracket attachable to the lower side of the table, and having an arcuate portion extending outwardly and below the edge of the table, so as not to obstruct the top of the table or the edge thereof, whereby the entire top surface of the table may be utilized and the head of a T-square may be engaged with the entire edge of the table on the side where the receptacle is attached.

Other and further objects of the invention will become apparent upon reading the detailed specification hereinafter following, and by referring to the drawing annexed hereto.

A suitable embodiment of the invention is shown in the attached drawing wherein:

FIGURE I is a bottom perspective view of the receptacle showing the bracket therefor attached to the underside of a table and showing a T-square engaging the edge of the table at the point where the bracket is attached to the table;

FIGURE II is a top perspective view of the drafting material receptacle and supporting bracket therefor;

FIGURE III is a side elevational view of same; and

FIGURE IV is an end elevational view, partially sectionalized, showing the drafting material receptacle and bracket attached to the underside of a table.

Numeral references are employed to designate the various parts shown in the drawings, and like numerals designate like parts throughout the various figures of the drawings.

In the drawing the numeral 1 indicates a drafting table top to which there is attached to the underside thereof, a bracket generally indicated at 2. The bracket 2 includes a straight horizontal attachment portion 3 which is secured to the bottom side of the table top 1 by means of suitable screws 4.

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The bracket 2 includes a downwardly extending arcuate portion 5, and a vertical straight portion 6 to which is pivotally attached a substantially L-shaped arm 7. The arm 7 is adjustably attached to the vertical portion 6 of the bracket 2 by means of a pivot bolt 8, which may be secured in fixed position between the bracket 2 and arm 7 by means of a wing nut 9.

The arm 7 includes a horizontal right angularly disposed portion 10 which is attached to a pan-like receptacle 11 by means of suitable rivets 13.

The receptacle 11 has an upstanding flange 12 thereabout. The receptacle 11 is arranged to serve as a repository for drafting supplies as hereinbefore indicated.

It will be noted, and it is emphasized, that the bracket 2 is attached to the lower side of the table top 1 and the arcuate portion 5 extends below the edge of the table and outwardly thereof. Therefore, the receptacle 11 is not only spaced from the upper surface of the table, so that it does not form an obstruction to the use thereof, but by reason of the arcuate downwardly and outwardly extending portion 5, the edge of the table top 1 is not obstructed in any manner by the mounting bracket 2 for the receptacle 11. Thus it will be seen that a T-square head 15 of the T-square 14 may be freely slid along the edge of the table for the entire length thereof.

It will be further noted that the receptacle 11 may be adjusted to horizontal position parallel to the floor, even though the table top 1 to which the bracket 2 is attached is slanted as on a drafting table. This adjustment may be quickly made by simply loosening the wing nut 9, adjusting the receptacle 11 to horizontal position by rotating the arm 7 with relation to the bracket 2 on the pivot bolt 8, and tightening down the wing nut 9 in such adjusted position.

It will thus be seen that I have provided a drafting implement and material receptacle which may be attached to a drafting table or the like in such a manner that it does not obstruct the full use of the upper surface of the table or the edges thereof, and which may be adjusted to horizontal position, even though it may be attached to a slanted surface.

It is understood that other and further embodiments of the invention may be devised without departing from the spirit and scope of the appended claims.

Having described my invention, I claim:

1. In a receptacle arranged for attachment to a drafting table top having a slanted surface; a bracket comprising a straight portion attachable to the underside of the table; a portion extending arcuately downwardly, outwardly and then upwardly to a point above the edge of the table top; an adjustable arm including angularly disposed legs, one said leg being vertically disposed and pivotally attached to the upwardly extending portion of the bracket, and the other said leg being substantially horizontally disposed; and a flat receptacle attached to the horizontal leg entirely at one side of the table, the major portion of said receptacle being spaced above and outwardly of the edge of the table, whereby the upper surface and edge of the

table top are not obstructed by the receptacle, and the receptacle may be adjustable to horizontal position when the bracket is attached to the slanted surface.

2. The combination called for in claim 1 wherein the adjustable attachment between the bracket and the arm comprises a threaded bolt extending through the overlapped ends thereof, and a wing nut for affixing same in adjusted position.

3. The combination called for in claim 1 wherein the receptacle is in the form of a pan having a flat bottom with an upstanding flange thereabout.

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