March 14, 1939. L. M. LATSCH 2,150,802

ADJUSTABLE SUPPORTING BRACKET FOR TOOLS AND THE LIKE

Filed May 13, 1937 2 Sheets-Sheet 1

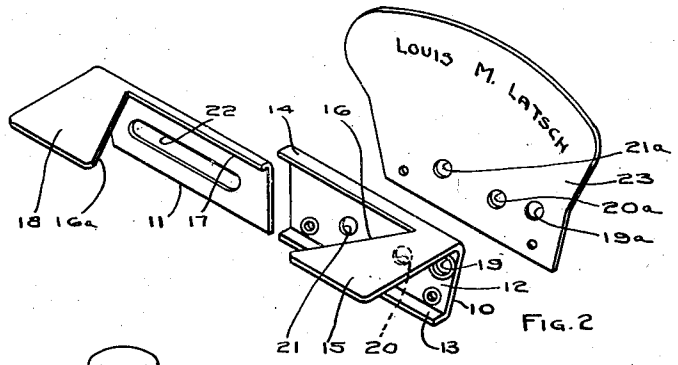


Fig. 2

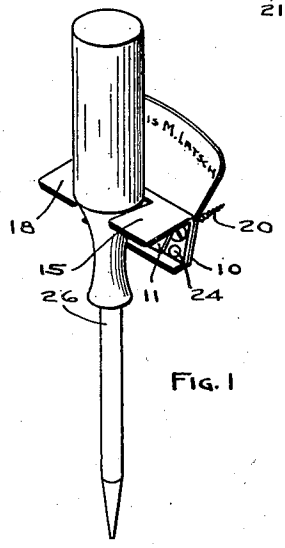


Fig. 1

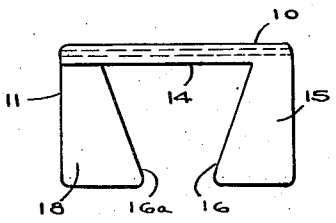


Fig. 3

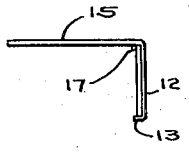


Fig. 4

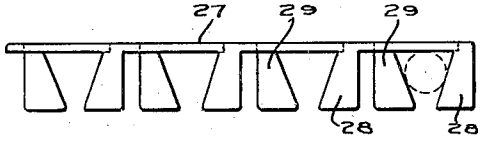


Fig. 5

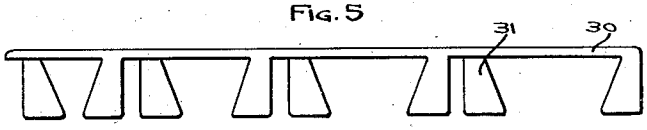


Fig. 6

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March 14, 1939. L. M. LATSCH 2,150,802

ADJUSTABLE SUPPORTING BRACKET FOR TOOLS AND THE LIKE

Filed May 13, 1937 2 Sheets-Sheet 2

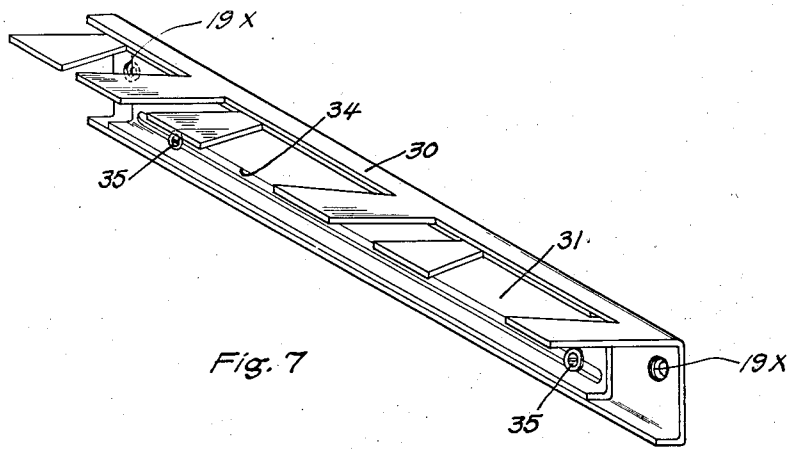


Fig. 7

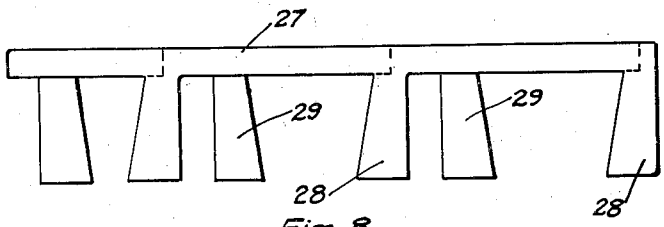


Fig. 8

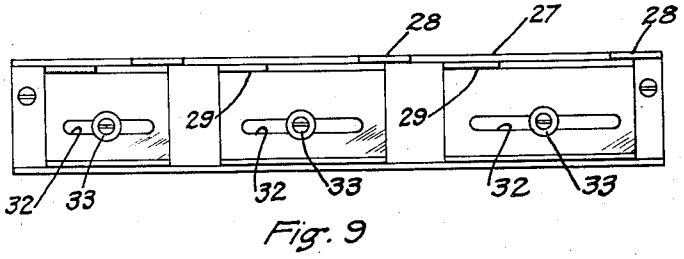


Fig. 9

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ADJUSTABLE SUPPORTING BRACKET FOR TOOLS AND THE LIKE

Louis M. Latsch, Akron, Ohio

Application May 13, 1937, Serial No. 142,461

8 Claims. (Cl. 211—87)

This invention relates to adjustable brackets for supporting tools and the like.

Its chief objects are to provide a bracket that will provide positive and dependable support for the article, to avoid looseness or play of the article in the bracket, to provide for stably supporting articles of widely different shape or size, to provide for ready adjustability throughout a wide range of adjustment, and to provide neatness of appearance and economy of manufacture.

A further object is to provide conveniently and inexpensively a bracket adapted to be marked with indicia or with advertising matter and to provide against easy removal of advertising matter from the assembly.

Of the accompanying drawings:

Fig. 1 is a perspective view of the bracket in a preferred simple form, and a tool mounted therein.

Fig. 2 is a perspective view of the three major parts of the device of Fig. 1.

Fig. 3 is a top view of the jaw members of Fig. 1.

Fig. 4 is an elevation of the parts shown in Fig. 3, from the right.

Fig. 5 is a top view of a modification adapted for supporting several articles with provision for individual adjustment of one jaw of each pair.

Fig. 6 is a top view of another modification adapted for concurrent varying of the spacing of all of the jaws.

Fig. 7 is a perspective view of the bracket shown in Fig. 6.

Fig. 8 is a top view of the bracket shown in Fig. 5.

Fig. 9 is a front elevation of the bracket shown in Fig. 5.

Referring to the drawings, the bracket in the simple form of Figs. 1 to 4 comprises a pair of jaw members **10**, **11**, each of which can be made economically as a sheet-metal stamping.

The member **10**, which is to be the rear one of the two members, comprises a flat vertical middle portion **12**, a horizontal, forwardly projecting flange **13** along its lower margin, a forwardly projecting horizontal flange **14** along its upper margin, and a forwardly projecting, horizontal jaw member **15** integral with the flange **14** and formed with an oblique edge **16** adapted to be contacted by the tool or the like that is to be supported.

The lower and upper flanges **13**, **14** of the member **10** are adapted to serve as guide-ways for the member **11**, and the latter is formed with a forwardly projecting horizontal flange **17** along its upper margin, slightly narrower than the upper flange **14** of the member **10**, so that the edges of the flanges will be substantially flush with each other when the member **11** is slidably mounted against and between the flanges of the member **10**. A jaw portion **18**, as a mate for the jaw portion of the member **10**, is integral with the flange **17**.

The member **10** is formed with a counter-sunk screw hole **19**, preferably in a high part of its vertical portion, for a screw **20** by which it can be attached to a support, and the member **10** is formed also with at least one screw-hole, and preferably two screw-holes, **20**, **21**, through either of which, selectively, can extend a screw mounted in a longitudinal slot **22** which is formed in the member **11**, such screw being loosened to permit adjustment of the jaw member **11** with relation to the jaw member **10**, to vary the size of the article-receiving gap between the jaws, and then tightened to hold it in adjusted position.

As the member **11** is thus adjustable throughout a distance substantially equal to the length of the slot **22**, with respect to either of the screw holes **20**, **21**, a wide range of adjustment is provided.

An indicia or advertising panel **23** can be employed in association with the members **10** and **11**, the panel being formed with screw-holes **19a**, **20a**, **21a** registrable with the screw holes **19**, **20**, **21** respectively of the member **10**, and in the case of advertising matter the panel preferably is permanently secured to the rear face of the member **10**, as by rivets such as the rivet **24**, so that it can not be easily eliminated.

The form of the jaws, with their oblique, outwardly converging edges **16**, **16a**, is such that an article having a tapered portion, mounted between them, such as a pair of pliers or a screw driver, **26**, is urged toward the base of the device, toward the support upon which it is mounted, and thus acquires at least three-point contact, for stability and secure support of the article.

The modification shown in Figs. 5, 8 and 9 comprises a long multiple-jaw member **27**, corresponding in general with the member **10** of Figs. 1 to 4, but formed with a plurality of jaws **28**, **28**, and a series of single-jaw members **29**, **29**, generally corresponding to the member **11** of Figs. 1 to 4, but formed with respective slots **32**, **32** and provided with screws **33**, **33**, so that they are individually adjustable with relation to the member **27**.

The modification shown in Figs. 6 and 7 comprises two relatively adjustable members, **30**, **31**, generally corresponding to the members **10** and **11** of Figs. 1 to 4, but each formed with a plurality

of the jaw members, relative adjustment of the two concurrently varying the spacings of all of the pairs of jaws. Counter-sunk screw holes in the member **30**, for securing it to a support, are shown at **19***x*, **19***x* and for adjustment the member **31** is formed with a slot **34** and provided with screws **35**, **35**.

I claim:

1. An article-supporting bracket comprising a pair of relatively slidable forwardly projecting jaw members each formed with a jaw portion and an attachment portion and rearwardly directed means for securing them in different positions with relation to each other to vary the spacing of the jaws, the two members being slidably interfitting and formed with registerable screw apertures and the securing means comprising a wood screw mounted in the registered apertures and holding the members against each other and securing them to a support.

2. An article-supporting bracket comprising a pair of relatively slidable jaw members each formed with a jaw portion and an attachment portion and means for securing them in different positions with relation to each other to vary the spacing of the jaws, the two members being formed of sheet metal and having jaw portions projecting substantially in a horizontal plane and attachment portions disposed substantially in vertical planes and formed with registerable apertures adapted to receive the securing means for holding the members against each other and securing them to a support.

3. An article-supporting bracket comprising a pair of relatively slidable jaw members each formed with a jaw portion and an attachment portion and means for securing them in different positions with relation to each other to vary the spacing of the jaws, the two members being formed of sheet metal and having jaw portions projecting substantially in a horizontal plane and defining between them an article receiving space which is narrower near the extremities of the jaws than it is nearer to the bases of the jaws, and the attachment portions being disposed substantially in vertical planes and formed with registerable apertures adapted to receive the securing means for holding the members against each other and securing them to a support.

4. An article-supporting bracket comprising a pair of relatively slidable jaw members each formed with a jaw portion and an attachment portion and means for securing them in different positions with relation to each other to vary the spacing of the jaws, the two members being formed with jaw portions projecting in a substantially horizontal direction and having outwardly converging article-contacting faces, and with attachment portions disposed substantially in vertical planes and formed with registerable apertures adapted to receive the securing means for holding the members against each other and securing them to a support.

5. An article-supporting bracket comprising a jaw member having a substantially horizontal jaw portion and a substantially vertical base portion, means for fastening the said base portion to a support, a second jaw member having a substantially horizontal jaw portion and a substantially vertical base portion, and means for securing the second member in different positions with relation to the first member, with their vertical portions in face-to-face relation, at least one of said members having a substantially horizontal marginal flange adapted to bear against the other member to prevent relative angular movement of the members.

6. An article-supporting bracket comprising a member formed with a base portion for attachment to a support and with a plurality of article-supporting jaws projecting therefrom, means including a plurality of jaws, mating with the jaws of the said member, for defining therewith a plurality of article-receiving spaces, the said member and the said means being formed with registered apertures, and securing means mounted in the registered apertures and holding the said means and said member against each other and securing them to a support.

7. An article-supporting bracket comprising a member formed with a base portion for attachment to a support and with a plurality of article-supporting jaws projecting therefrom, means including a plurality of jaws, mating with the jaws of the said member, for defining therewith a plurality of article-receiving spaces, the said means comprising a plurality of jaw members individually adjustable with relation to the first said member, the first said member and the said jaw members being formed with registered apertures, and securing means mounted in the registered apertures and holding said jaw members against the first said member and securing the assembly to a support.

8. An article-supporting bracket comprising two relatively slidable members and means for securing them in different relative positions of adjustment on a support, each of said members being formed with a plurality of jaw portions, the jaw portions of one being adapted to mate with jaw portions of the other to define a plurality of article-receiving spaces, the said members being formed with registerable apertures adapted to receive the securing means for holding them against each other and securing them to a support.

LOUIS M. LATSCH.