United States Patent

Brzykcy

[15] **3,696,887**

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[54] **COMBINATION SAWHORSE, SCAFFOLD SUPPORT AND TABLE**

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[52] **U.S. Cl.**.....**182/28,** 182/186

[51] **Int. Cl.**.....**A47b 37/00**

[58] **Field of Search**.....182/28, 129, 186, 185, 184, 182/183, 182, 181, 226

[56] **References Cited**

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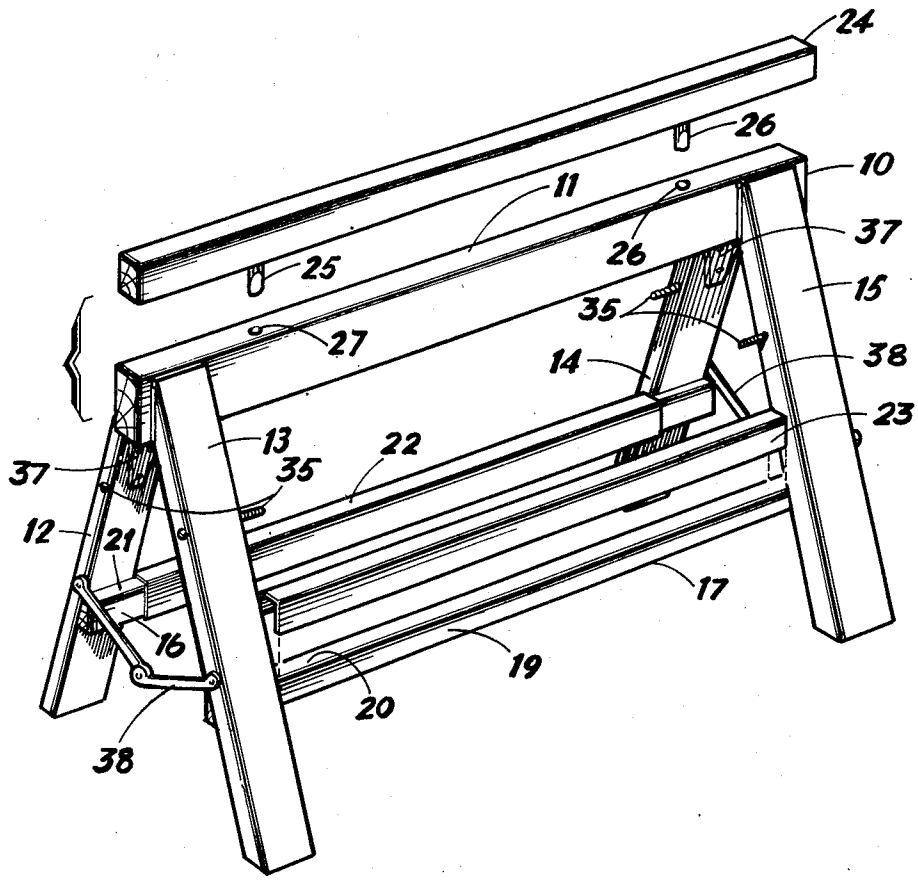
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[57] **ABSTRACT**

A combination saw horse, scaffold support and table including a false removable top element for the upper beam of the saw horse, horizontal braces for the leg elements provided with inverted channel cappings as a metal scaffold support means, and a demountable table top for the top beam.

1 Claim, 2 Drawing Figures



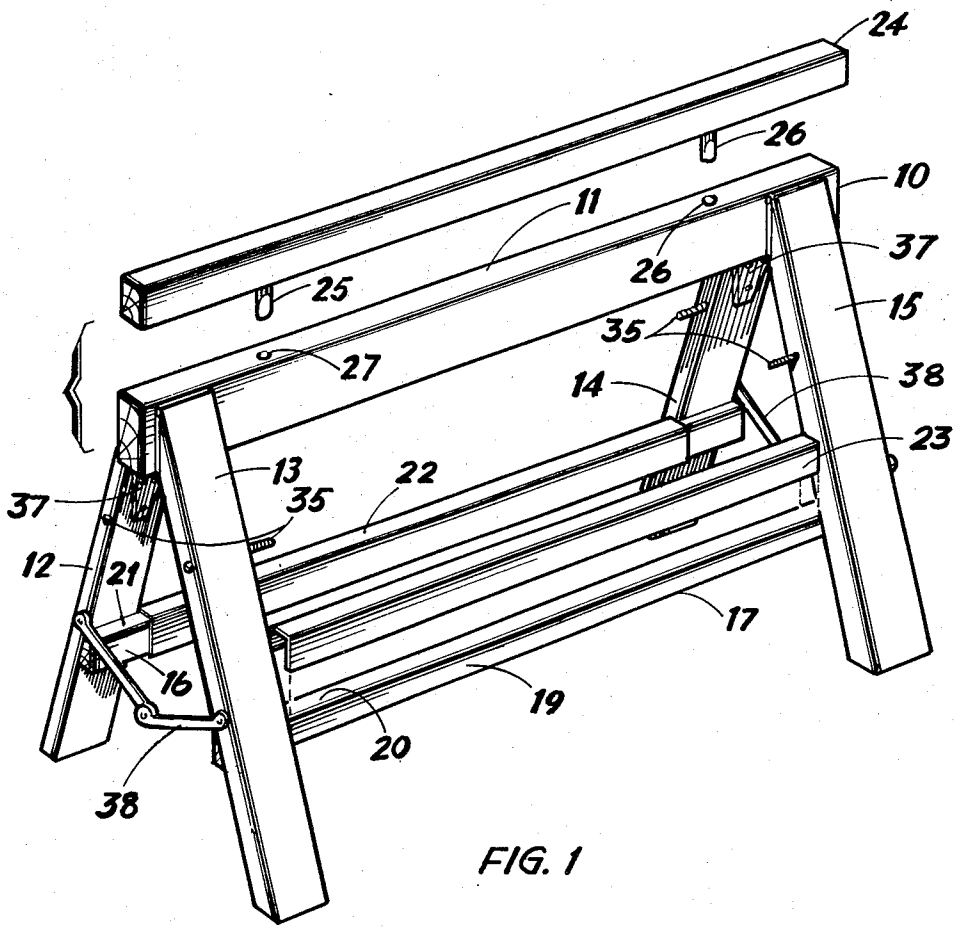


FIG. 1

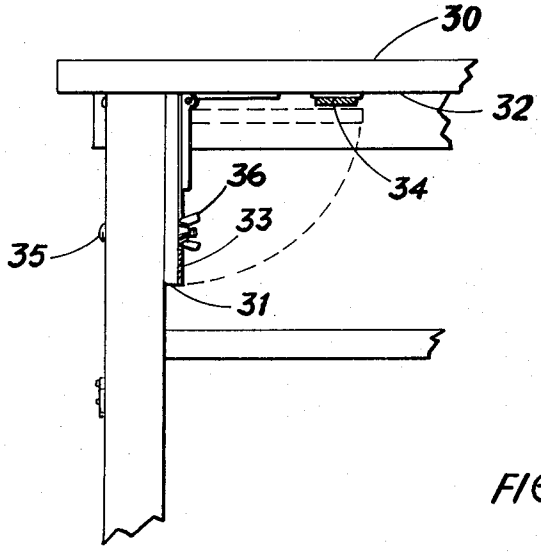


FIG. 2

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COMBINATION SAWHORSE, SCAFFOLD SUPPORT AND TABLE

BRIEF SUMMARY OF THE INVENTION

The saw horse is provided with a replaceable beam cap coextensive with its top beam which is thus protected from saw cuts and other injuries. The saw horse has a pair of horizontal longitudinal braces connecting its leg elements, the said braces being provided with coextensive metal cappings in inverted channel form as a base for scaffold planks. A table top is provided for longitudinal placement on the top beam which has foldable leg elements securable in turn to bolts in the saw horse legs. The foldable legs are held by magnet means against the underside of the table top for storage.

BRIEF DESCRIPTION OF THE DRAWING

FIG. **1** is view in perspective from above showing a sawhorse embodying the invention with the false or buffer top beam in exploded position.

FIG. **2** is a side view partly in elevation and partly in section showing the table top engaged on the top beam of the sawhorse.

DETAILED DESCRIPTION

The sawhorse **10** is topped by a horizontal beam **11** supported at each end by conventional inclined legs **12, 13, 14** and **15**. A pair of horizontal braces **16** and **17** are spaced from the floor surface and connect the legs between the end pairs **12** and **13**, and **14** and **15**. The outer faces **18**, (not shown) and **19** are bevelled to fit flush against the leg inner surfaces with the result that the top surfaces **20** and **21** of the braces **16** and **17** are exactly horizontal, and are capped by the elongated inverted metal channels **22** and **23**.

As shown in FIG. **1** an elongated cap **24** has subjoined dowels **25** and **26** to engage the bores at **27** and **28** of the top beam **11**. The cap **24** may easily be replaced when it is damaged in use by saw cuts or the like.

A pair of the saw horses may be appropriately spaced and a plurality of planks may be rested by their opposite ends on the inverted channels **22** and **23**, to serve as a scaffold for ceiling work or the like.

In FIG. **2**, one end of a table top construction is shown. The table top **30** is adapted to rest longitudinally of the beam **11** and is rectangular in shape. It is held in place by four folding elements **31**, one of which is illustrated in FIG. **2**. When the table top **30** is not in use the elements **31** may be folded against the under side **32** and held in place by magnet means **33** on the elements **31** and magnets **34** on said under side **32**. It will be understood that the elements **31** could be so constructed that the table top **30** could be placed over the cap **24**.

The lower ends of the folding elements **31** engage over the bolts **35** and are releasably secured by the wing nuts **36** when the table top is in place, resulting in a very solid table structure.

The legs **12, 13, 14** and **15** are connected to the beam **11** by the inside hinges **37**, and the legs are stabilized by the folding braces **38** at each end of the device.

Having thus described the invention, what is claimed and desired to be secured by Letters Patent of the United States, is:

1. A sawhorse hinged foldable legs thereon, foldable braces on said legs connecting the pair at each end of the device to limit the spread of the legs in set-up arrangement, a rectangular table top which may be longitudinally disposed on the top beam of the sawhorse, a foldable trapezoidal leg element hinged to the under surface of the table top under each corner thereof, a bolt horizontally disposed in each sawhorse leg, each trapezoidal leg having an aperture adjacent its free end adapted to engage over one of said bolts, and wing nut means for releasably engaging the trapezoidal legs and the attached table top longitudinally on the top beam of said sawhorse, and magnet means on the under surface of the table top engageable with similar magnet means on the free ends of said trapesoidal legs for retaining the latter in folded position against the table top underside during storage of the latter.

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