March 9, 1926. 1,575,897

G. R. COLE

SIGN PAINTER'S TABLE

Filed August 22, 1925 4 Sheets-Sheet 1

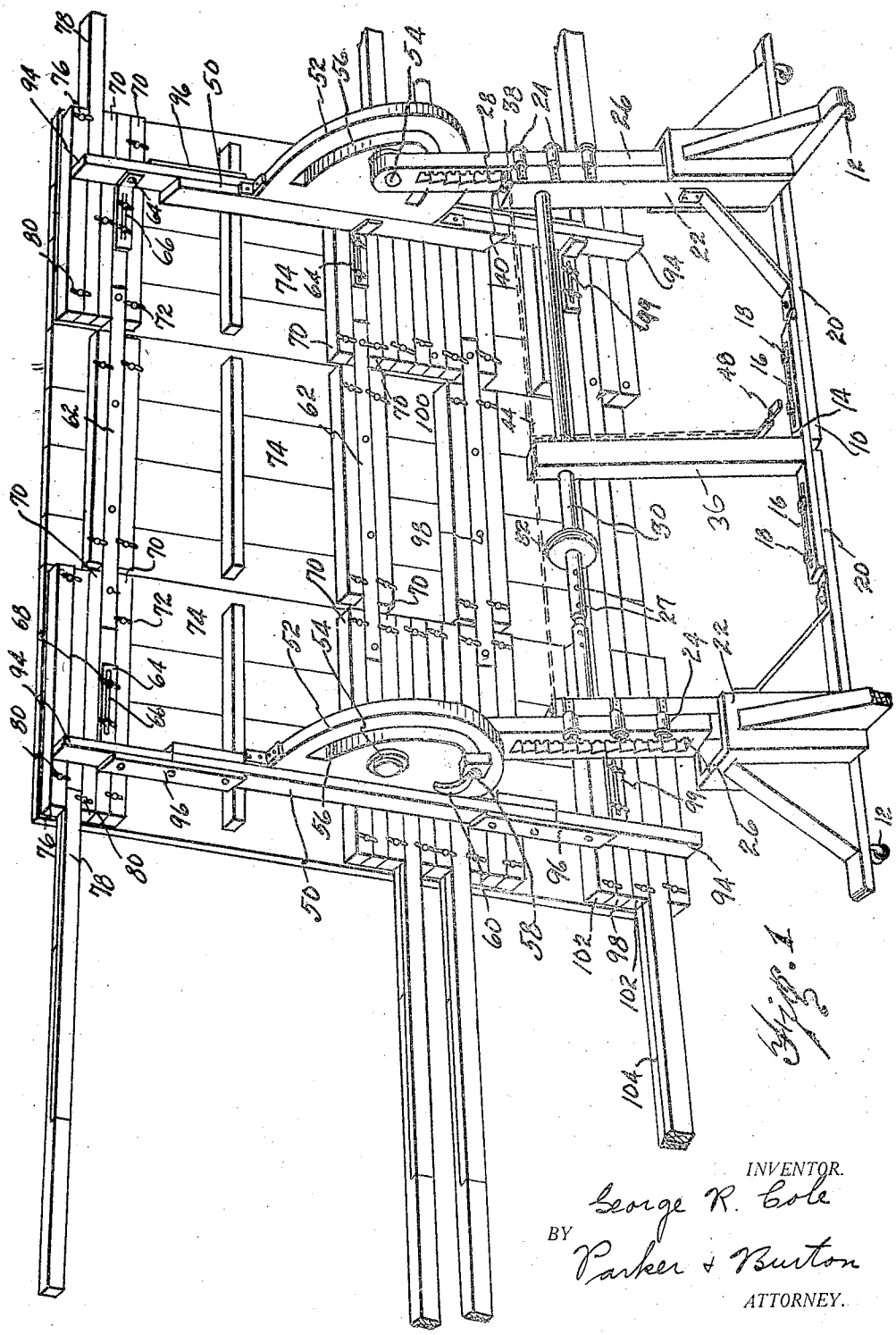


Fig. 1.

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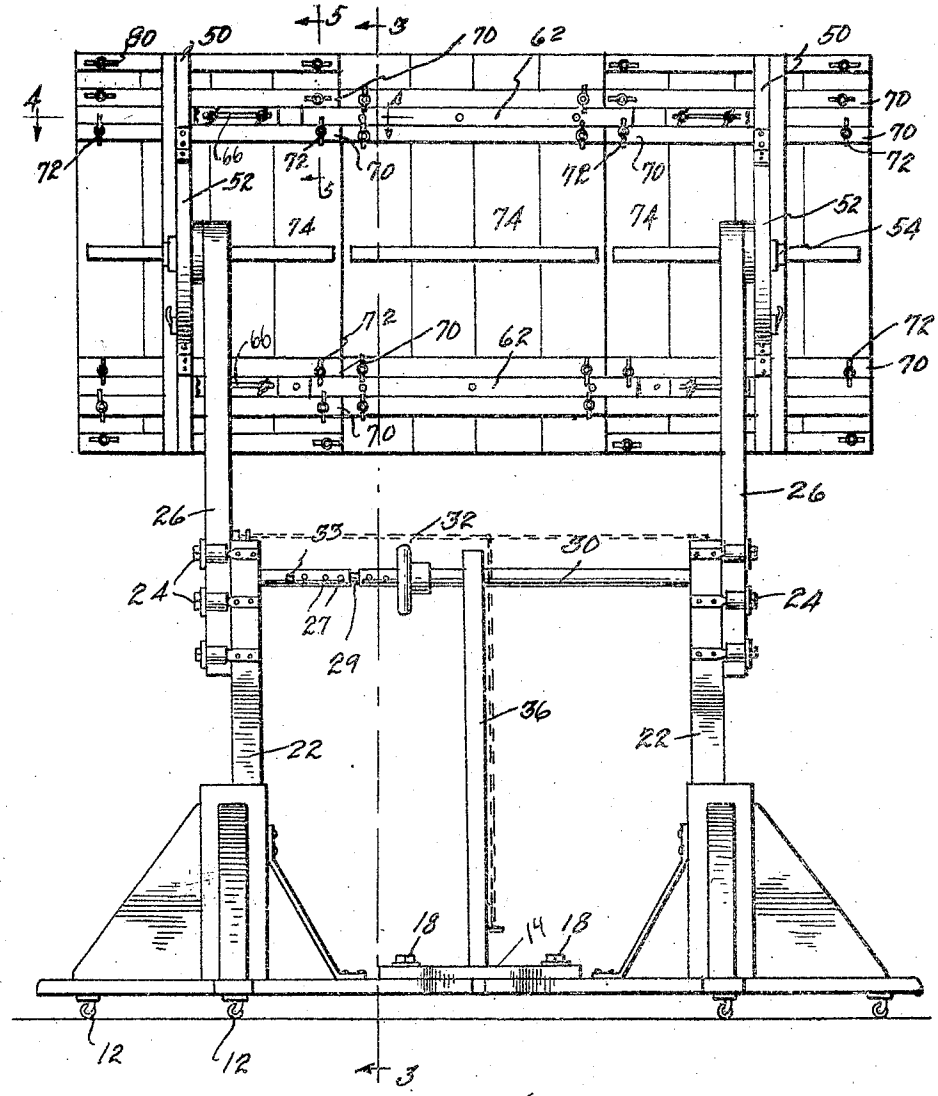


Fig. 2.

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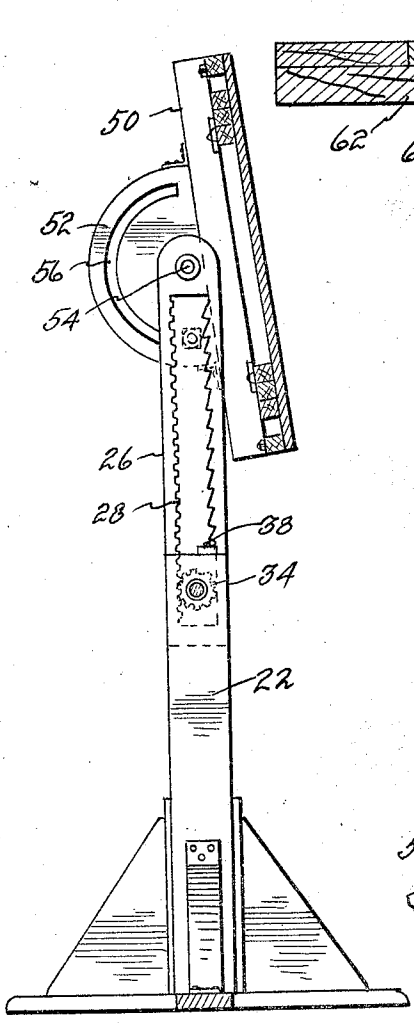


Fig. 3

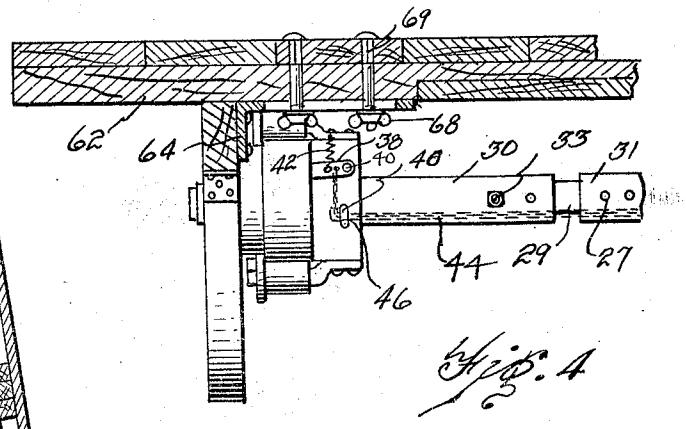


Fig. 4

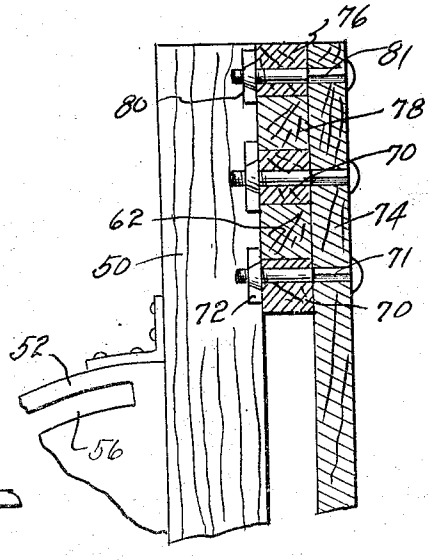


Fig. 5

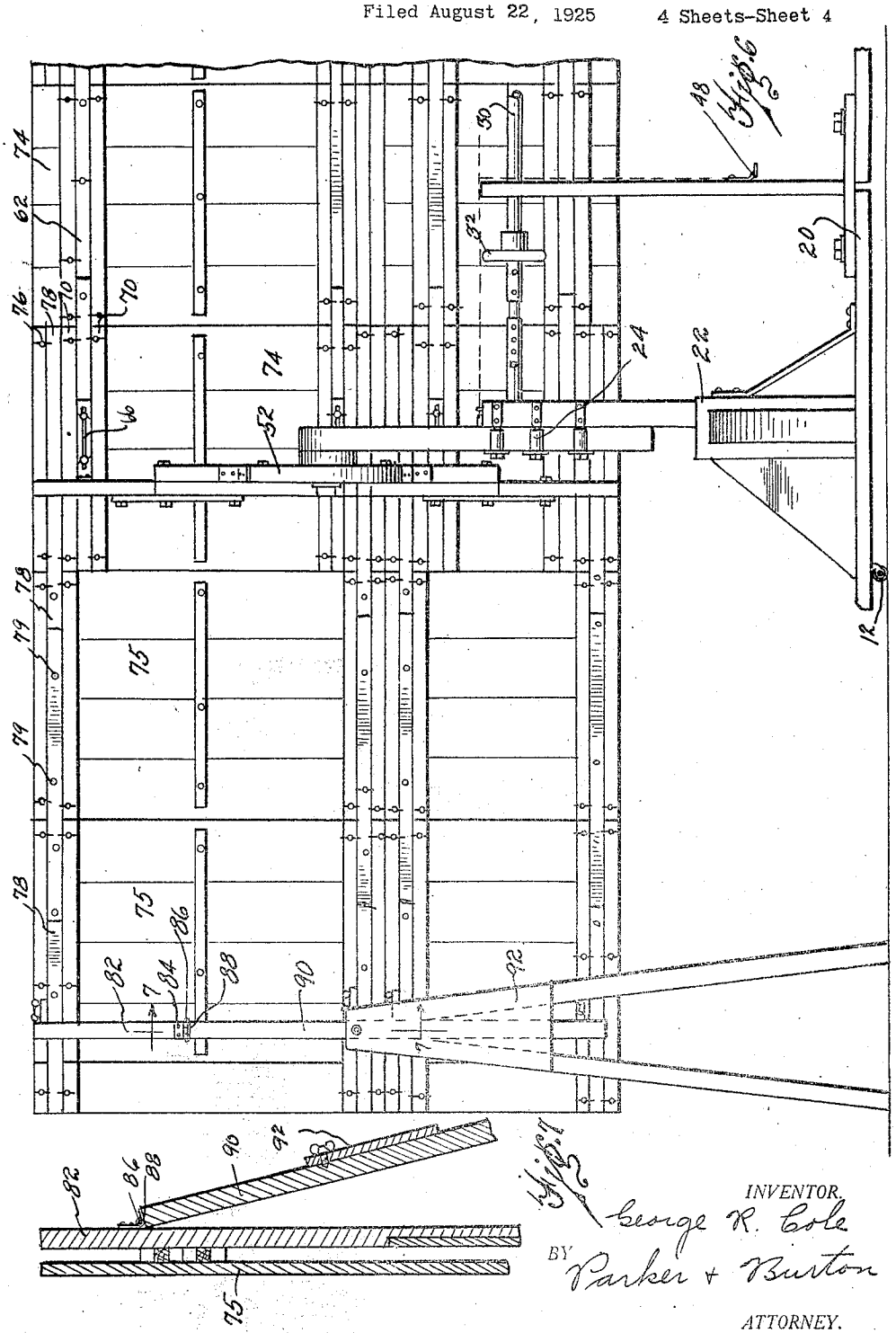
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UNITED STATES PATENT OFFICE.

GEORGE R. COLE, OF PORT HURON, MICHIGAN.

SIGN PAINTER'S TABLE.

Application filed August 22, 1925. Serial No. 51,737.

To all whom it may concern:

Be it known that I, GEORGE R. COLE, a citizen of the United States, residing at Port Huron, county of St. Clair, State of Michigan, have invented a certain new and useful Improvement in Sign-Painters' Tables, and declare the following to be a full, clear, and exact description of the same, such as will enable others skilled in the art to which it pertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification.

My invention relates to an improved sign painter's table.

The object is to provide a table upon which a canvas may be stretched for painting, which table is of such a character that it is capable of being extended very considerably in length or breadth and which is formed of small sections adapted to be packed within a relatively limited space.

An important advantage is the provision in a table of the character described, of a top so supported thereon as to be raised and lowered and capable of adjustment at any angle to its upright supports, and which consists of a plurality of top sections and a plurality of frame sections each section being relatively small of size.

The above objects, together with other advantageous features of construction will more fully appear from the following description, appended claims and accompanying drawings, in which:

Figure 1 is a perspective of my invention.

Fig. 2 is a rear elevation.

Fig. 3 is a cross-sectional view taken on line 3—3 of Fig. 2.

Fig. 4 is a cross-sectional view taken on line 4—4, Fig. 2.

Fig. 5 is a cross-sectional view taken on line 5—5, Fig. 2.

Fig. 6 is a rear elevation broken away showing one end extended.

Fig. 7 is a fragmentary sectional view taken on line 7—7, Fig. 6.

There is a base 10 having castors 12, which base may be extended due to the use of a central section 14 which is slotted at 16 to receive bolts 18 to permit separation of the end pieces 20. Each end piece 20 carries a braced upright 22 which has rollers 24 that form guides within which is mounted a standard 26. This standard is provided with opposed internal racks one on each side of a longitudinal slot and indicated as 28. An extensible shaft 30 carrying a hand wheel 32 extends between the end pieces 22 and is provided at the end with pinions 34 which engage one of the racks 28 to raise and lower the standards 26. This shaft is capable of extension to accommodate any extensible movement of the end supports in that it consists of a tubular shaft member 31 and an inner shaft member 29 telescoped within the tube and adapted to be secured thereto to rotate therewith by a bolt 33 extending through the apertures 27. There is a central support extending up from the base 10 indicated as 36.

To retain the standards at adjusted positions of elevation I provide a locking member or dog 38 pivoted at 40 to the end piece 22 and held by a spring 42 to engage in one of the racks 28, thereby retaining the standard to any position to which it has been raised. There is a flexible connection such as a chain 44 extending between the dogs 38 through guides 46 and terminating in a trip 48 whereby the dogs may be withdrawn to permit movement of the standards.

Pivoted to each standard is a transverse support 50. This carries a plate 52 which is pivoted at 54 to the standard. The plate is slotted at 56 and a tightening bolt 58 having a hand nut 60 extends through the slot and is adapted to hold the support 50 at adjusted angular positions.

The table top together with its skeleton frame-work consists of a plurality of relatively small sections. I provide stringers 62 which extend across from one transverse support 50 to the other. Each of these stringers is built up of a plurality of overlapping sections bolted together as shown in Fig. 1. Each transverse support carries an angle iron plate 64 slotted at 66 to receive bolts 69 carried by stringers and thumb nuts 68 are provided on the bolts so that the stringers are securely releasably held to the transverse supports 50.

The table top proper comprises a plurality of top sections 74. Each top section has guide members 70 which extend along opposite sides of the stringer 62. These guide members 70 carry turn buttons 72 mounted on bolts 71 which are adapted to be swung over the stringer 62, to secure the top sections thereto. These top sections are secured at each end in the manner set forth

to the stringers. Each top section carries an additional guide member 76 spaced from the guide member 70 so as to receive therebetween supplemental stringers 78, which stringers are held in place by turn buttons 80 carried by bolts 81. These supplemental stringers 78 carry supplemental top sections 75. These stringers 78 are made up of a plurality of short overlapping sections secured together by bolts 79. There is a supplemental transverse support 82 which is engaged over the stringers 78 and carries one part of a hinge 84 which is secured by a hinge pin 86 to a co-operating hinge part 88 carried by a leg 90 adjustably mounted within a forked brace 92 so as to support the extended end of the top. Extensions 94 are provided for the transverse supports 50, being secured detachably thereto by bolted straps 96 to increase the width of the top. Stringers 98 similar in construction to the stringers 62 extend across these extensions 94 and angle irons 99 are employed to secure them in place, this construction being identical with that heretofore described. Top sections 100 are employed to cover these supplemental stringers 98, which top sections are similar to the top sections 74 heretofore referred to and are provided with guides 102 which extend alongside the stringers 98 and are themselves provided with turn buttons to be fastened thereon. Supplemental extension stringers 104 for these supplemental top pieces are also employed so that the top may be extended lengthwise the full extended width.

What I claim is:

1. In a table of the character described, a portable base having uprights provided with transverse supports, stringers detachably secured to said supports, top sections removably receivable upon said stringers having guides extending therealong, turn buttons carried by the guides adapted to be locked over said stringers to fasten the top sections to the stringers, additional guides on said top sections, extension stringers receivable between said last named guides and the stringer guides, means for releasably fastening said extension stringers in position between said guides, supplemental top sections detachably fastened to said extension stringers, a transverse brace detachably fastened to said extension stringers, and a leg support detachably hinged to said transverse brace.

2. In a table of the character described, a portable base having uprights at the ends provided with transverse supports, an extension top removably mounted upon said transverse supports comprising stringers detachably secured thereto, a plurality of top sections detachably secured to said stringers, stringer extensions consisting of a plurality of pieces having overlapping ends detachably fastened together detachably secured to said top sections, supplemental top sections detachably fastened to said stringer extensions, extensions detachably secured to said transverse supports, stringers detachably secured to said last named extensions, and supplemental top sections detachably secured to said last named stringers.

3. In a table of the character described, a base having end standards provided with transverse supports, a top removably secured to said supports comprising stringers consisting of a plurality of overlapping pieces detachably fastened together detachably fastened to said transverse supports, a plurality of top sections removably receivable upon said stringers, said top sections having guides extending along said stringers provided with means engageable thereover to secure the top sections thereto, additional guides on said top sections spaced from the first guides, stringer extensions removably secured between said first named guides and additional guides, supplemental top sections provided with guides detachably fastened to said stringer extensions, extensions detachably fastened to said transverse supports, supplemental stringers detachably secured to said last named extensions, and supplemental top sections removably secured to said supplemental stringers.

4. In a table of the character described, a portable base having upright ends provided with roller guides, rack standards mounted within said guides, a shaft extending between said ends provided with pinions engaging said rack standards to raise and lower them within the guides, releasable locking members held to engage said racks to retain the standards at adjusted elevations, transverse supports pivoted to said standards for angular adjustment, stringers detachably mounted upon said supports, top sections removably secured to said stringers, supplemental stringers detachably secured as extensions to the first named stringers, supplemental top sections detachably secured to said supplemental stringers, and removable leg supports for said supplemental top sections.

5. In a table of the character described, a portable base having upright end pieces provided with guides, a standard having opposed internal racks mounted within each end guide, a shaft extending between said end guides provided at each end with a pinion engaging one of said racks to raise and lower the standards, a locking member mounted upon each end guide held under spring tension to engage in the opposite rack of the standard to retain the standard at adjusted elevations, a connection between said locking members terminating in a trip pedal at the base whereby the locking members may be released, transverse supports

pivoted to said standards adapted to be locked at adjusted angular positions, stringers detachably secured to said supports, top sections having guides receivable alongside said stringers, turn buttons carried by said guides engageable over the stringers to secure the top sections thereto, additional guides on said top sections, stringer extensions receivable between said guides, supplemental top sections removably receivable upon said extensions, extensions for said transverse supports detachably secured thereto, removable stringers for said extensions, and removable top sections for said stringers.

In testimony whereof, I sign this specification.

GEORGE R. COLE.