

No. 791,455.

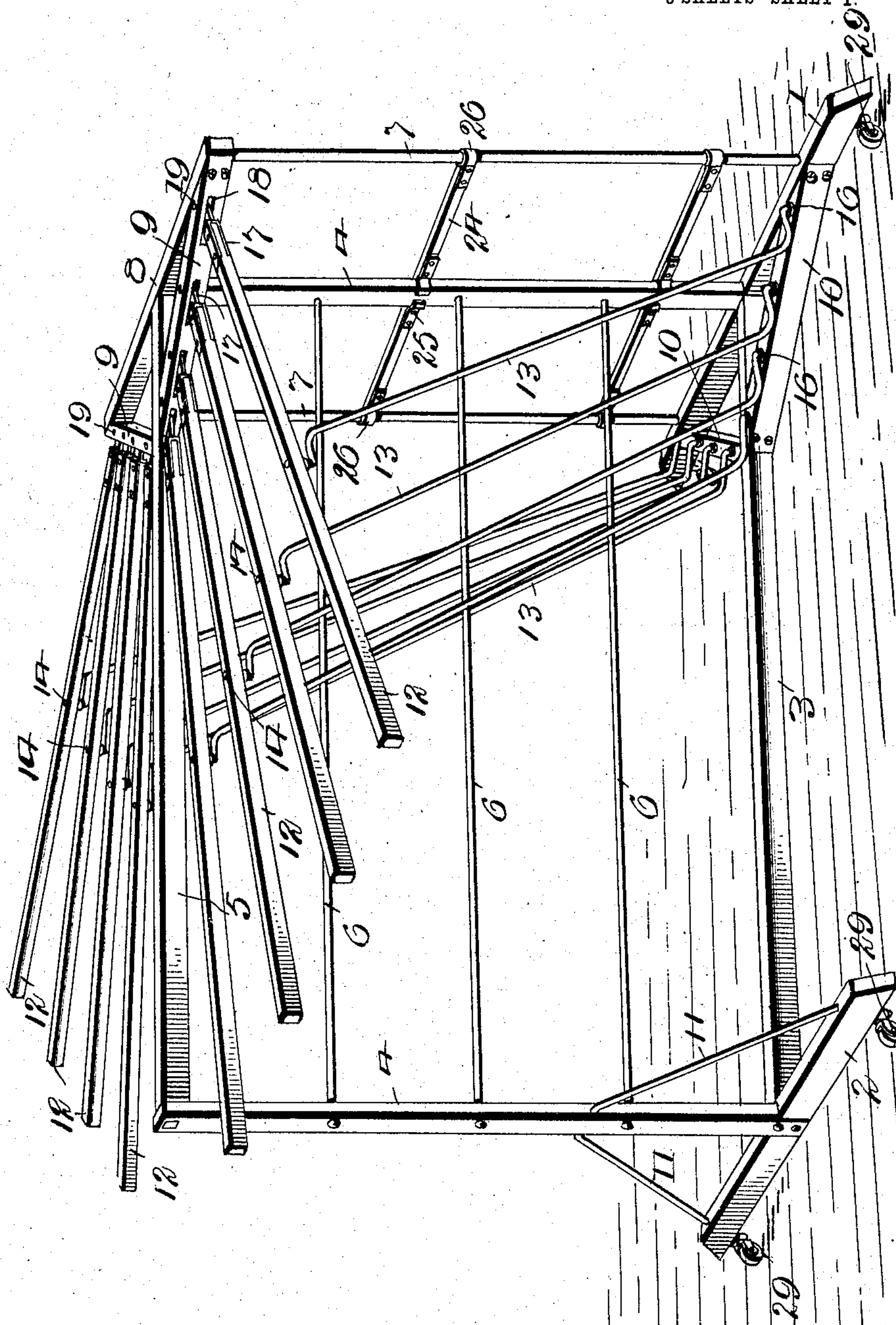
PATENTED JUNE 6, 1905.

G. M. DAVIS.  
DISPLAY RACK.

APPLICATION FILED JULY 20, 1904

3 SHEETS—SHEET 1.

Fig. 1.



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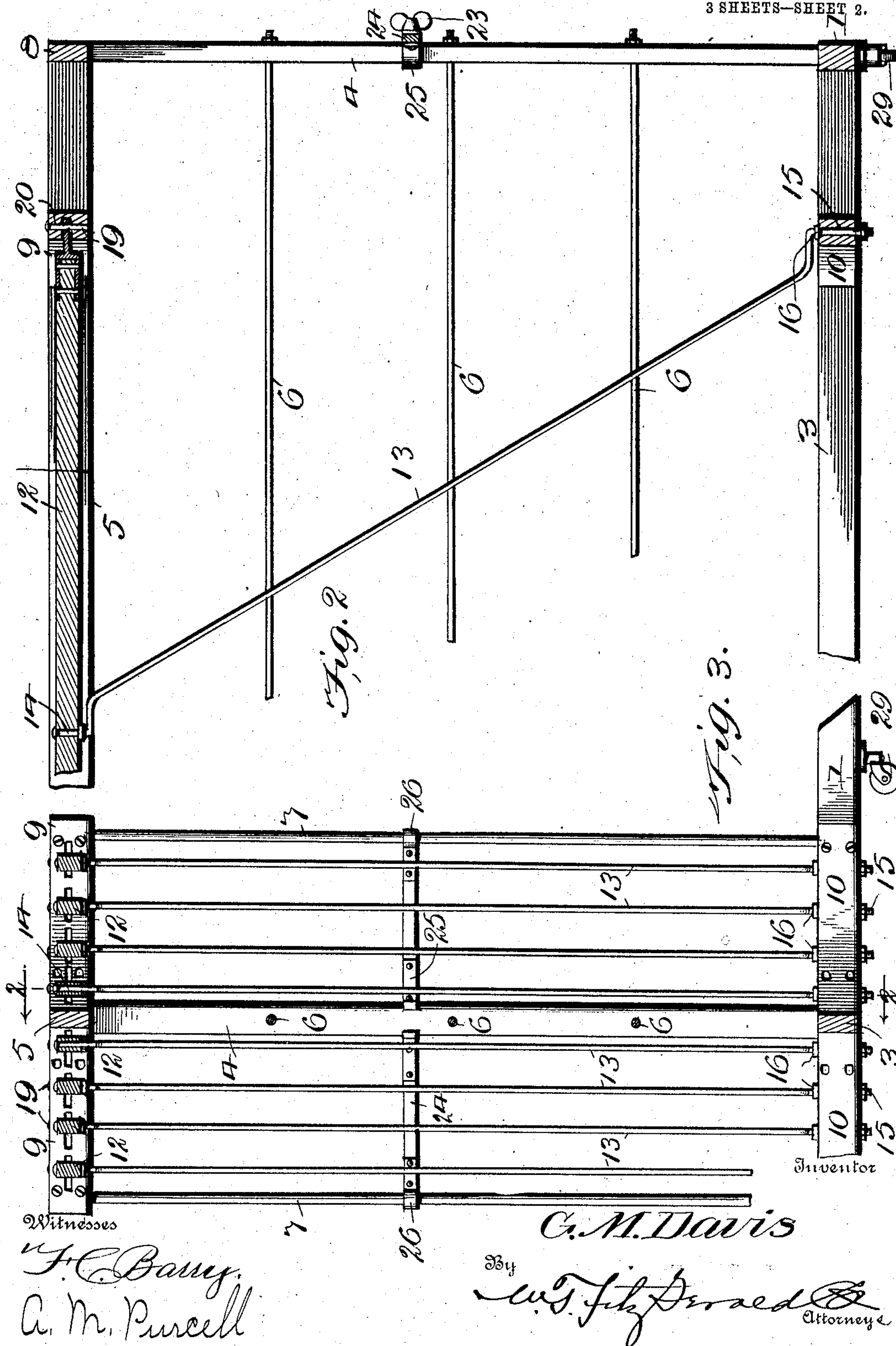
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3 SHEETS—SHEET 2.



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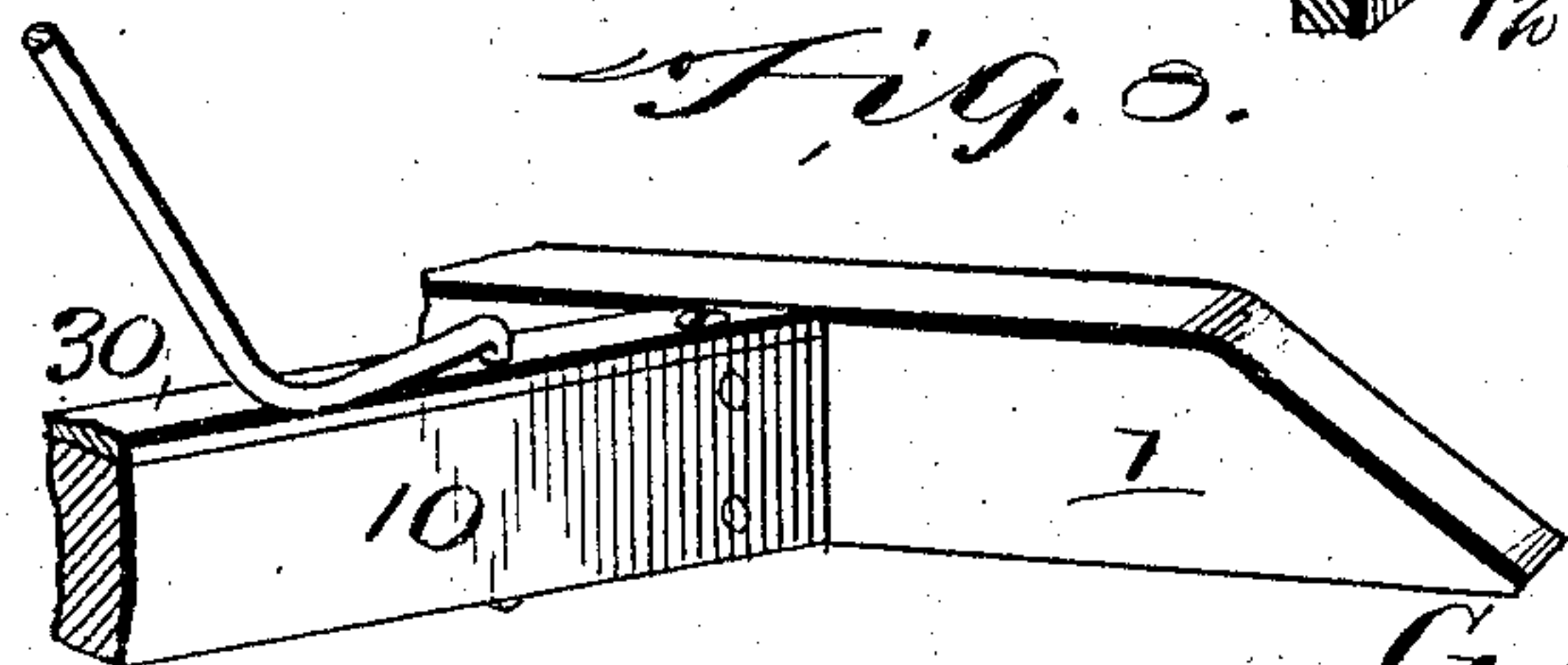
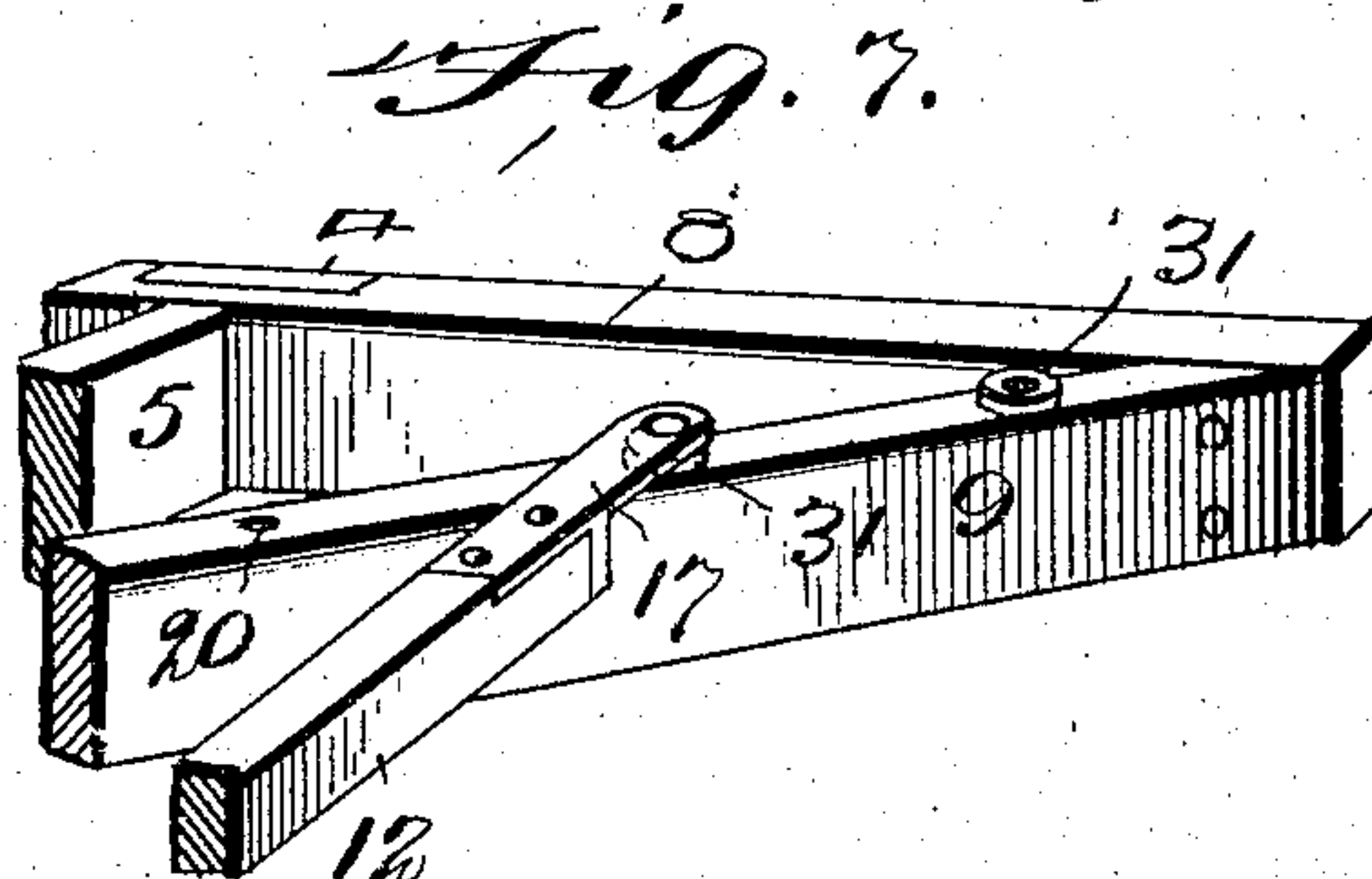
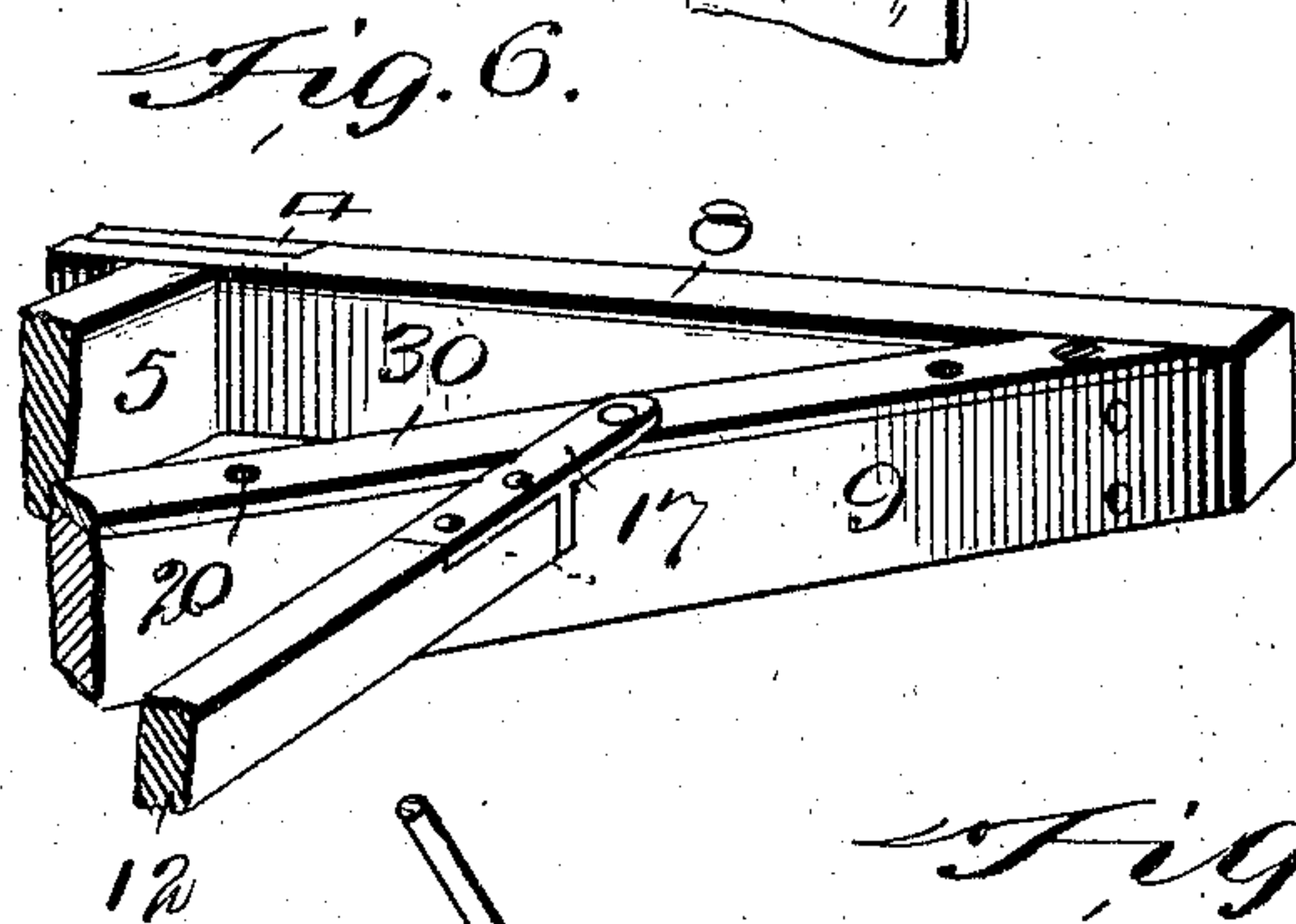
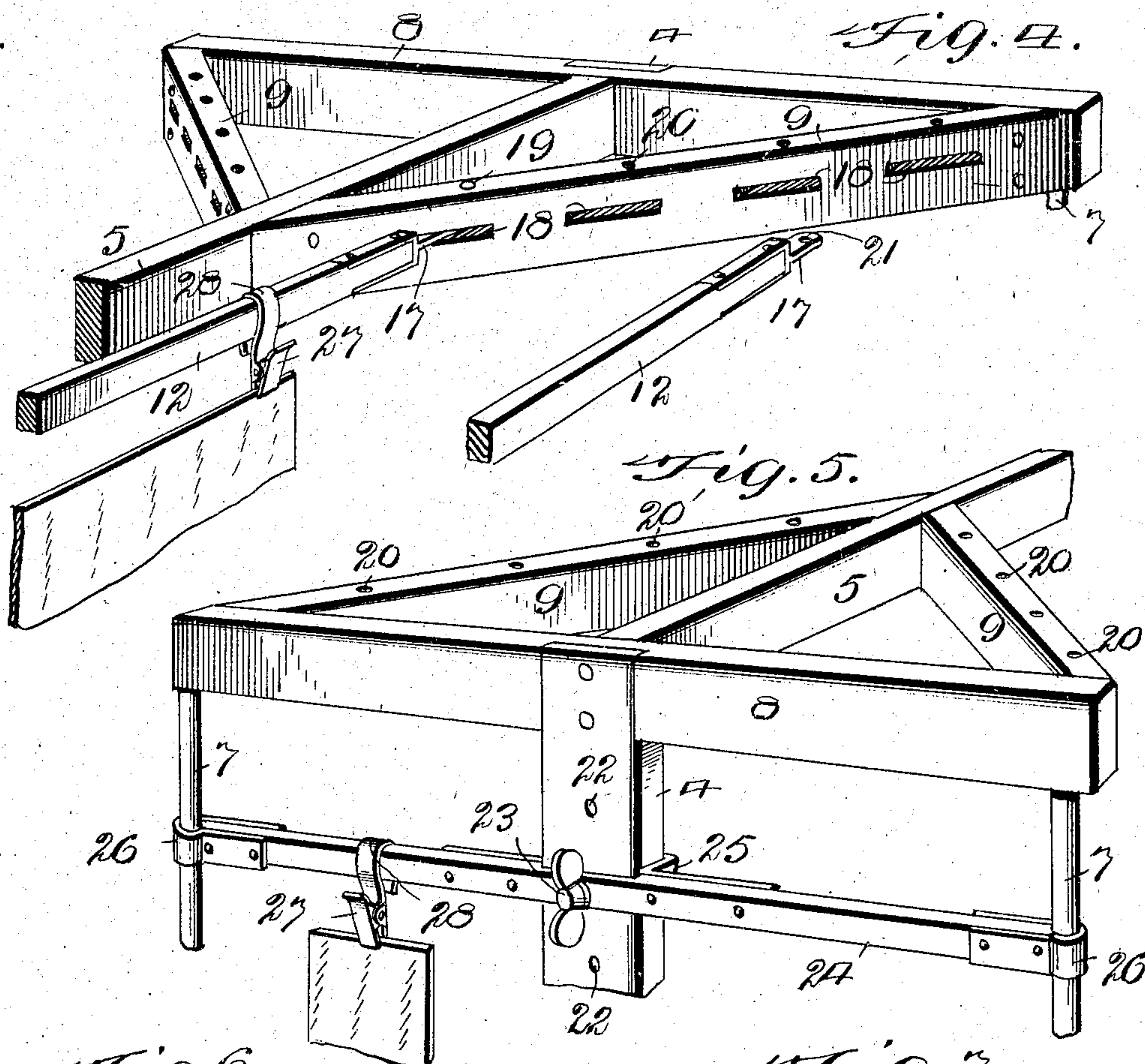
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APPLICATION FILED, JULY 20, 1904.

3 SHEETS—SHEET 3.



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# UNITED STATES PATENT OFFICE.

GEORGE M. DAVIS, OF HUMESTON, IOWA.

## DISPLAY-RACK.

SPECIFICATION forming part of Letters Patent No. 791,455, dated June 6, 1905.

Application filed July 20, 1904. Serial No. 217,391.

*To all whom it may concern:*

Be it known that I, GEORGE M. DAVIS, a citizen of the United States, residing at Humeston, in the county of Wayne and State of Iowa, have invented certain new and useful Improvements in Display-Racks; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to a portable display-rack for advertising purposes; and it consists of certain novel features of construction and combination of parts, the preferred form whereof will be hereinafter clearly set forth, and pointed out in the claim.

The prime object of my invention, among others, is to provide a portable display-rack which will be found very desirable and efficient for the use of merchants in displaying all manner of goods for sale whereby they will present an attractive appearance.

A further object is to construct my portable display-rack in such a manner that it may be produced at a minimum cost.

Another object is to so construct my portable display-rack that it may be folded up in a comparatively small compass or space when not required for use.

Other objects and advantages will be hereinafter made clearly apparent, reference being had to the accompanying drawings, which are made a part of this application, and in which—

Figure 1 shows a perspective view of my invention complete ready for use. Fig. 2 is a vertical sectional view of part of my display-rack as indicated by dotted lines 2 2 in Fig. 3. Fig. 3 is a transverse sectional view through the rack, showing the pivotal connection between two of the swinging arms and the braces employed to support the same. Fig. 4 is a perspective detail view of a portion of the upper part of the framework of my portable display-rack. Fig. 5 is a perspective detail view of the end and upper portion of my display-rack, showing means for adjusting auxiliary supporting-bars carried by the framework. Figs. 6 and 7 show means of connect-

ing the supporting-arms to the framework, 50 while Fig. 8 is a perspective detail view of the lower portion of the framework, showing preferred means of connecting the arm-supporting brace thereto.

For convenience of reference to the various 55 details and coöperating accessories of my invention numerals will be employed, the same numeral applying to a similar part throughout the several views.

In materializing my invention I provide a 60 suitable framework, consisting in this instance of the base members 1 and 2, connected together by the cross-bar 3, and upon the base-sections I erect the standards 4 of proper height, the upper ends of which are united in 65 rigid relationship by the cross-bar 5, all of said parts being reliably secured together in any preferred way, as by mortise and tenons or by bolting.

Intermediate the bars 3 and 5 I also provide 70 the auxiliary bars or rods 6 of any desired number and size, and said auxiliary bars are designed as affording room for hanging various articles of merchandise and a proper display thereof, the ends of said auxiliary bars 75 being connected to the standards or uprights 4, as clearly shown in the drawings. I also erect upon the base member 1 the upright rods or standards 7, which are, in connection with the upright 4, designed to support the 80 cross-head 8, said cross-head being suitably braced or reinforced, as by the bracing members 9, extending from the outer ends of the cross-head into union with the cross-bar 5. The base member 1 is also suitably braced 85 relative to the cross-bar 3, as by the bracing-sections 10. It will also be observed that the standard 4 upon the base-section 2 is suitably reinforced or strengthened in its upright position by means of the rods or braces 11, as 90 clearly shown in Fig. 1. The bracing-sections 9 and 10 are for the purpose of providing a suitable support or means of carrying a plurality of arms 12, each arm being pivotally connected in any preferred way to the brace 9 95 and supported in a horizontal plane by the brace 13.

The upper end of the brace 13 is pivotally



connected to its respective arm 12, as by entering the vertically-disposed end thereof, 14, in a suitable socket or aperture provided in the arm, while the lower end of said brace 13 is also vertically disposed, as designated by the numeral 15, and said vertically-disposed extension 15 is entered in a suitable socket or aperture 16, provided at a suitable point in the bracing-section 10.

It will be understood that the inner ends of the arms 12 may be connected in any preferred way to the members 9, as by the metallic extension or tenon 17, which extension may be pivotally connected to the upper edge of the brace 9, as shown in Figs. 6 and 7, or a mortise 18 may be provided in said brace, as shown in Fig. 4, to receive said tenon 17, a rivet or bolt 19 being entered through an aperture 20, provided for its reception, it being understood that a corresponding aperture 21 may be provided in the tenon 17 to receive said bolt when the apertures 20 and 21 are brought into registration with each other.

Inasmuch as the arms 12 may be variously mounted relative to the bracing-sections 9, I deem it unnecessary to illustrate more of the possible ways of attaining such union. The standard 4, carried by the base-section 1, is provided with a plurality of apertures 22 to receive the end of the set-screw 23, whereby the adjustable cross-bar 24 may be secured at any desired point.

It will be observed that the adjustable cross-bar 24 is provided with anchoring-plates 25, which fit loosely around the standard 4, permitting said bar to be raised and lowered to any desired point. Each end of the adjustable cross-bar 24 is also provided with a loop-like extension 26, said loop being designed to loosely fit around the rods 7, whereby the outer ends of said bar 24 will be held against lateral movement, but permitting said bar to be freely raised and lowered to the point where it is desired to adjust the same. It will be understood that one or more of said bars 24 may be provided, as is deemed productive of the best results.

It will be understood that the arms 12 may be swung around so as to occupy a plane at right angles to the plane of the bars 3 and 5 or may be disposed at any desired angle relative thereto, as preferred. The office of the arms is to enable articles of merchandise to be suspended therefrom, as by means of suitable clasps 27, having hook-like extensions 28, designed to fit over the arms or the cross-bar 24 or suspended upon the rods 6, as may be desired.

It will be seen that the adjustable cross-bars 24 may be located at any point upon the

standard 4 and that any number of said bars may be used, as above set forth.

The various parts of my invention may be expeditiously and cheaply manufactured and each readily assembled in its respective operative position, and while I have described the preferred combination and construction of elements I desire to comprehend in this application all such substantial equivalents and substitutes as may be considered as falling fairly within the scope of my invention.

It will be observed that the parts of my invention may be readily separated and the appliances easily and cheaply shipped in a knocked-down condition, if desired.

In order that my display-rack may be rendered readily portable, I provide suitable carrying wheels or casters 29 therefor, as clearly shown.

In Fig. 6 I have shown an antifriction-plate 30, secured to the top of the bracing-sections 9, said plate to be used when that form of tenon 17 is employed as illustrated in Figs. 6 and 7. I also employ in some instances a suitable washer 31 instead of the plate 30, the office of the washer being to prevent wear of the bar 9 when the latter is made of wood.

The various parts of my invention may be made any desired size and of any suitable material deemed most efficient for the purpose, and believing that the construction, advantages, and manner of using my improved display-rack have thus been made clearly apparent further description is deemed unnecessary.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The herein-described display-rack comprising a suitable framework consisting of the base members 1 and 2 and the uprights 4 carried thereby, cross-bars 3 and 5 uniting said parts; a cross-head carried by one of said standards; a plurality of arms pivotally connected to the cross-head cooperating therewith; bracing members pivotally connected to said arms at their upper ends while the lower ends are disposed in sockets in the lower part of the framework; a plurality of cross-bars 24 and suitable means to adjust the same at any desired point upon the standard 4, all combined substantially as specified and for the purpose set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

GEORGE M. DAVIS.

Witnesses:

A. D. McCULLOCH,  
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