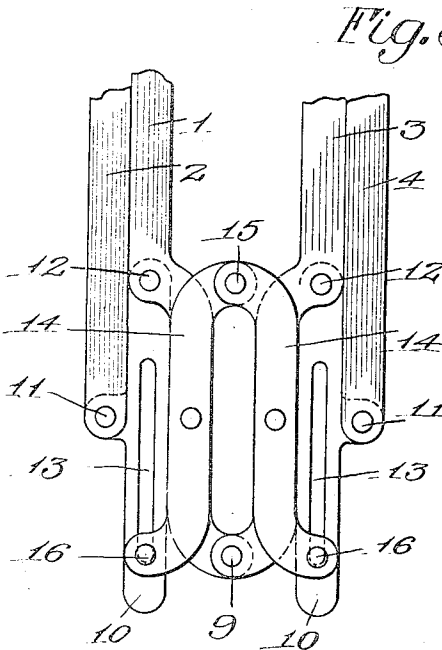
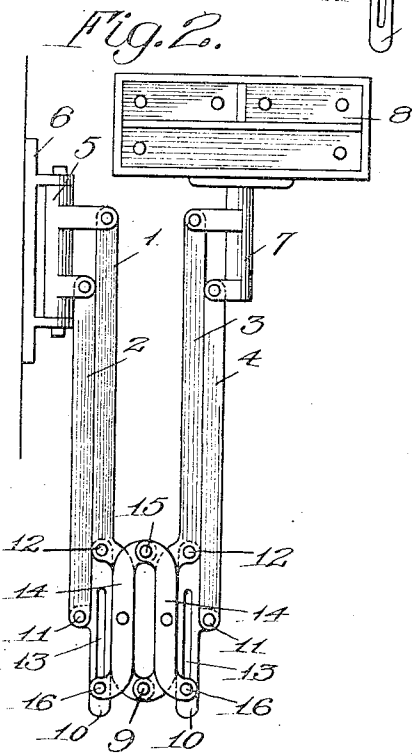
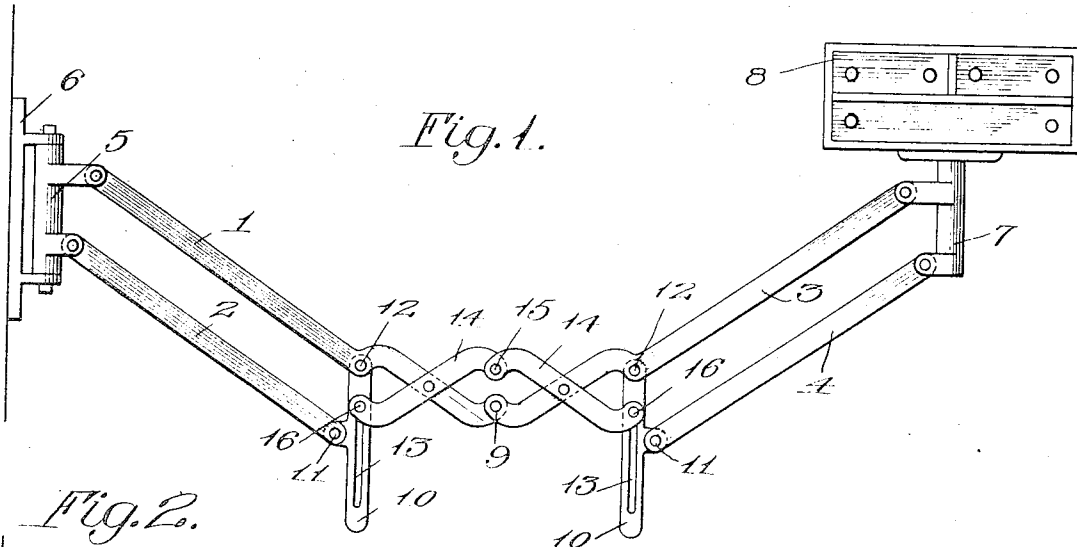


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EXTENSIBLE BRACKET.  
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1,036,703.

Patented Aug. 27, 1912.



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# UNITED STATES PATENT OFFICE.

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## EXTENSIBLE BRACKET.

1,036,703.

Specification of Letters Patent.

Patented Aug. 27, 1912.

Application filed December 28, 1911. Serial No. 668,220.

*To all whom it may concern:*

Be it known that I, ALPHONSE F. PIEPER, of Rochester, in the county of Monroe and State of New York, have invented certain new and useful Improvements in Extensible Brackets; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming a part of this specification, and to the reference-numerals marked thereon.

The present invention relates to extensible brackets, having reference particularly to the type of bracket adapted for supporting a dental cabinet, motor, or other object, and embodying two or more foldable sections pivotally connected to each other and mounted upon a wall or other suitable support, the sections embodying arms arranged in parallelism and serving to maintain the object at the outer end of the bracket poised at any point of adjustment, and it has for its object the provision of a novel arrangement of parts of simple construction for accomplishing the purposes set forth.

To these and other ends the invention consists in certain improvements and combinations of parts all as will be hereinafter more fully described, the novel features being pointed out in the claims at the end of the specification.

In the drawings: Figure 1 is a view in side elevation of an extensible bracket, embodying a preferred form of my present invention; Fig. 2 is a similar view, the sections of the bracket being folded, and Fig. 3 is an enlarged detail view in side elevation of the connections between the bracket sections.

Similar reference numerals throughout the several figures indicate the same parts.

In the embodiment of the invention herein shown, the bracket comprises an inner and an outer section, the inner section being composed of arms 1 and 2 and the outer section embodying the arms 3 and 4, respectively, the arms of the respective sections being arranged in parallelism, in the manner shown. The arms of the inner section, designated at 1 and 2, are pivotally mounted on the post 5 which is journaled in a suitable support 6 attached to a wall, or support. The arms of the outer section are preferably connected to a standard or post 7 which carries at its upper end a cabinet 8, or other object to be supported. The inner

and outer sections are connected together, and in the present embodiment, the upper arms 1 and 3 are pivotally connected at 9, while the lower arms 2 and 4 are pivotally connected to guiding members 10 at points 11. Said guiding members are connected at their upper ends to the arms 1 and 3, as shown at 12, and are provided with vertically disposed slots 13 for a purpose that will now be made clear.

Pivotally mounted on the upper arms are links 14, the adjacent ends of which are connected together at 15 while their opposite ends are provided with suitable guides 16 arranged for travel in the slots 13 of the guiding members. As the sections are folded together, the guides 16 on the links move downwardly in the slots of the guiding members, the links 14 folding together and the parts assuming the position shown in Figs. 2 and 3. The arms are maintained in parallel relation for all positions of the bracket, and the cabinet or other object arranged at the outer end may be poised at any position to which the bracket is moved.

The particular arrangement herein shown and described may be modified without departing from the essential features of my invention, as for instance the lower arm of the outer section may be omitted, permitting the object to be suspended or otherwise held at the outer end of the upper arm, and this as well as other changes is within the scope of my invention, and to be covered by the claims hereinafter.

I claim as my invention:

1. In an extensible bracket, the combination with an inner section including a pair of pivotally mounted arms having parallel movement, of an outer section pivotally connected to the inner section and adapted to support an object at its outer end, vertically disposed members connected to the inner and outer sections, and a pair of links pivotally mounted on the sections and connected together at one end, the opposite ends of the links being arranged for movement on the aforesaid vertically disposed members.

2. In an extensible bracket, the combination with an inner section including a pair of pivotally mounted arms having parallel movement, of an outer section pivotally connected to the inner section and adapted to support an object at its outer end, guiding members connected to the inner and outer sections and a pair of links pivotally mount-

ed on the sections and connected together at one end, the opposite ends of the links being arranged for vertical movement on said guiding members.

5 3. In an extensible bracket, the combination with an inner section including a pair of pivotally mounted arms having parallel movement, of an outer section pivotally connected to the inner section and adapted to support an object at its outer end, guiding members having vertically disposed slots  
10 therein connected to the inner and outer sections, and a pair of links pivotally mounted on the sections and connected together at one end, the opposite ends of the links being guided in the aforementioned slots.

15 4. In an extensible bracket, the combination with an inner section including a pair

of pivotally mounted arms having parallel movement, of an outer section embodying a pair of parallelly arranged arms adapted to support an object at their outer ends, the upper arms of the sections being connected together at their adjacent ends, guiding members having vertically disposed slots therein connected to the adjacent ends of the lower arms and to the upper arms at points between their ends, and a pair of links pivotally mounted on the upper arms and connected together at one end, the opposite ends of the links being arranged for movement in the aforementioned slots.

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."