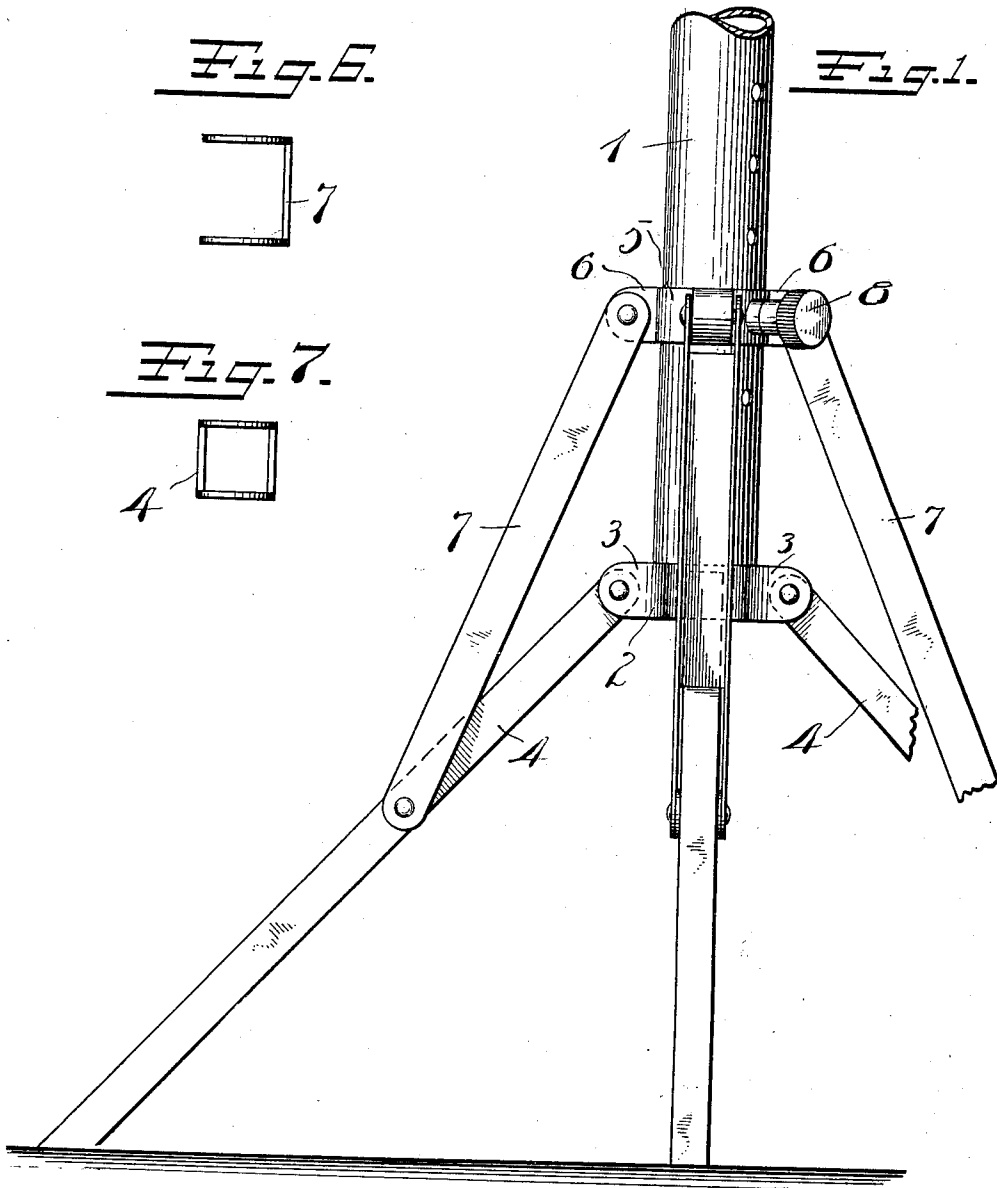


E. N. HUMPHREY.
FOLDING STAND.
APPLICATION FILED AUG. 9, 1911.

1,008,545.

Patented Nov. 14, 1911.

2 SHEETS-SHEET 1.



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2 SHEETS-SHEET 2.

Fig. 2.

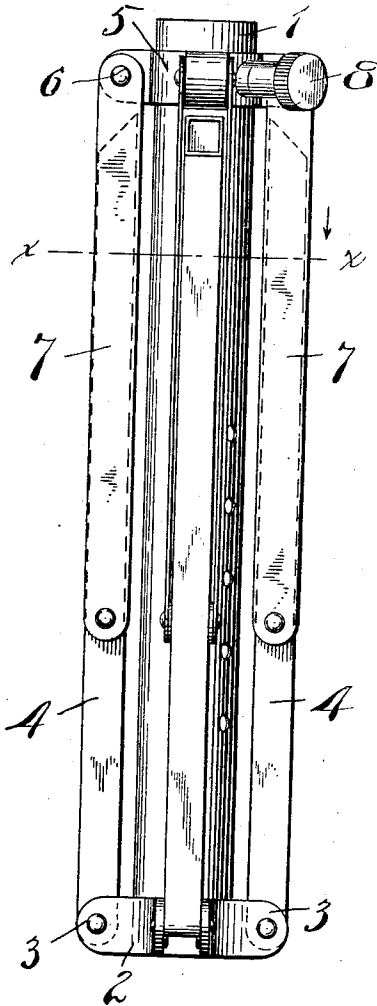


Fig. 3.

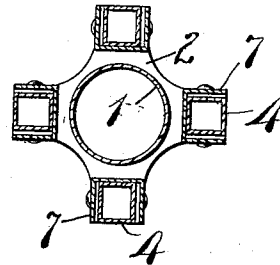


Fig. 4.

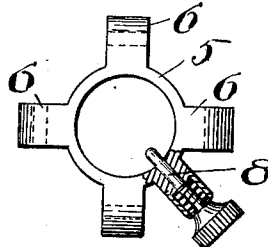
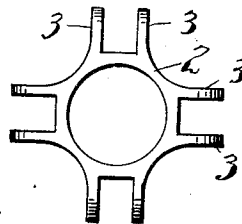


Fig. 5.



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UNITED STATES PATENT OFFICE.

ERNEST N. HUMPHREY, OF NEW BRITAIN, CONNECTICUT, ASSIGNOR TO THE TRAUT & HINE MANUFACTURING COMPANY, OF NEW BRITAIN, CONNECTICUT, A CORPORATION OF CONNECTICUT.

FOLDING STAND.

1,008,545.

Specification of Letters Patent.

Patented Nov. 14, 1911.

Application filed August 9, 1911. Serial No. 643,213.

To all whom it may concern:

Be it known that I, ERNEST N. HUMPHREY, a citizen of the United States, residing at New Britain, county of Hartford, State of Connecticut, have invented certain new and useful Improvements in Folding Stands, of which the following is a full, clear, and exact description.

My invention relates to an improved foldable stand, which may be employed for a variety of uses such as holding display racks, telescopes, etc.

The object of the invention is to provide an exceedingly light yet exceptionally strong and rigid structure which may be folded into the most compact form.

In the drawings Figure 1 is a view of the lower end of the stand open for use and of a size that may be regarded as one full size for certain work. Fig. 2 represents the parts shown in Fig. 1 as folded up. Fig. 3 is a section on the line *x-x* Fig. 2. Fig. 4 is a top plan view, partly in section, of a detail. Fig. 5 is a plan view of another detail. Fig. 6 is an end view of another detail. Fig. 7 is an end view of still another detail.

1 represents the main body of the stand, which may be one member of a telescope for the purposes of extension, or may be a plain tube or slide bar.

2 is a bracket at or near the lower end of the main body 1, said bracket having lug offsets 3-3, between which are pivoted the legs 4-4, which are preferably made hollow and by preference of square cross section, as indicated by the end view, Fig. 7.

5 is a slidable bracket mounted on the body 1 above the bracket 2, said bracket 5 being provided with offsets 6-6, to which are pivoted links 7-7, which are channeled as indicated by the end view, Fig. 6. The channeled side of these links faces outwardly. The links connect the slidable bracket 5 with the legs 4-4 at points inter-

mediate the length of the latter, as indicated in Fig. 1.

8 is a spring-pressed latch pin mounted on the bracket 5. The main body 1 is provided with one or more recesses or holes arranged to receive the inner end of the spring-pressed pin latch 8, to hold the standard in the open position shown in Fig. 1, or, indeed, to hold it in the closed position, as shown in Fig. 2.

The length of the legs 4-4 from the point of connection of the links 7 therewith to the extreme outer ends thereof is slightly less than the length of the links, so that when the legs are folded up, as will occur when the slide bracket 5 moves up on the body 1, the outer ends of said legs will be folded into the channels in the outer sides of the links 7, as indicated in dotted lines Fig. 2, whereby the entire apparatus can be folded into exceedingly compact form, in which form the outer ends of the legs are protected and the side walls of the links reinforced by the presence of the legs therein. The entire structure can be made of comparatively light sheet metal and tubing, thus making the finished structure exceedingly light and yet very strong.

What I claim and desire to secure by Letters Patent is:

In a foldable stand, a main body, a plurality of legs hinged to the lower end thereof, a slidable bracket on said body, links pivotally connecting said bracket with all of said legs, each of said links being channeled on the outer side, the length of each link being sufficient to receive wholly within its channel that part of its respective leg outside of the pivotal connection of the link therewith when folded.

ERNEST N. HUMPHREY.

Witnesses:

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