

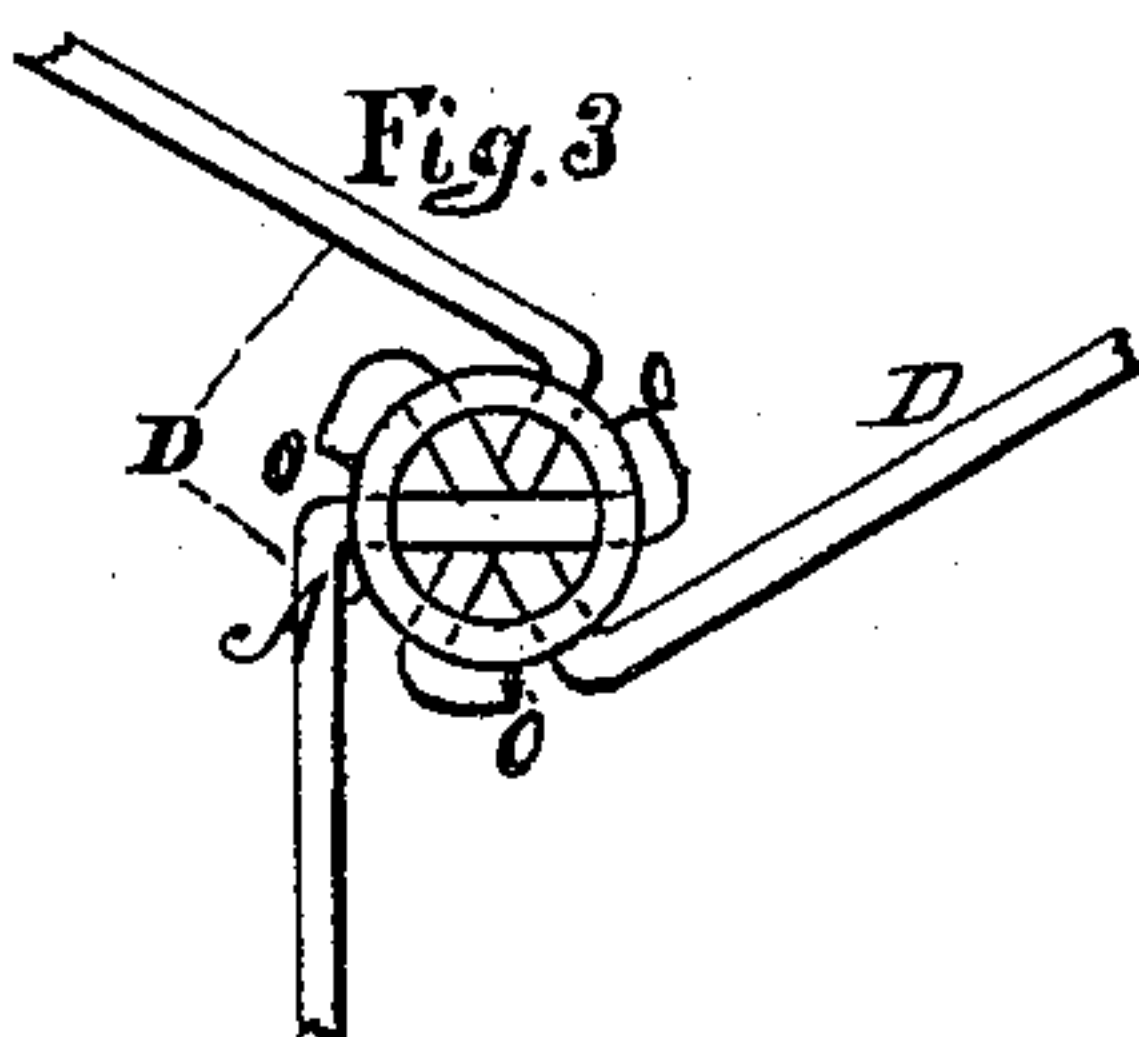
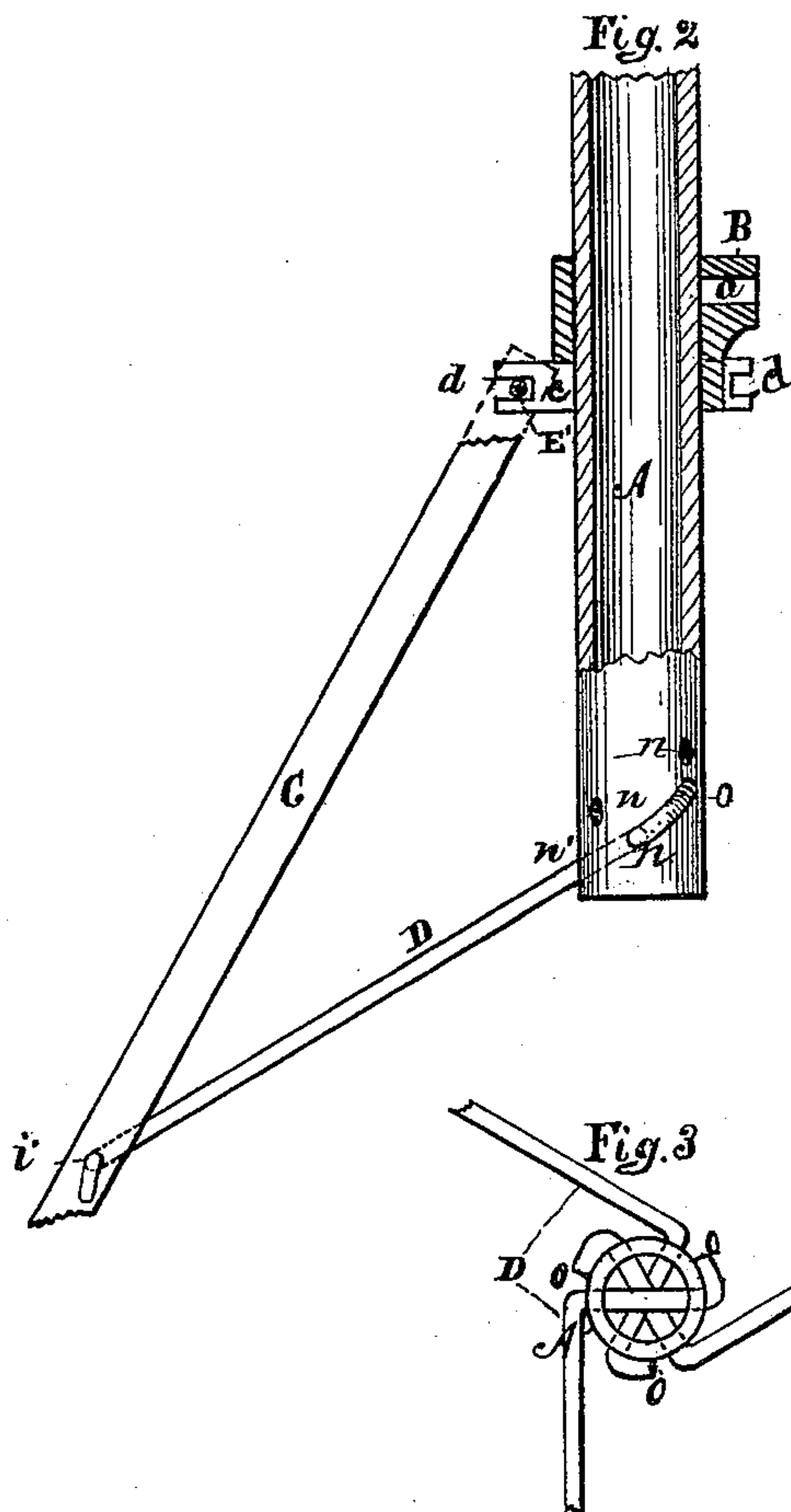
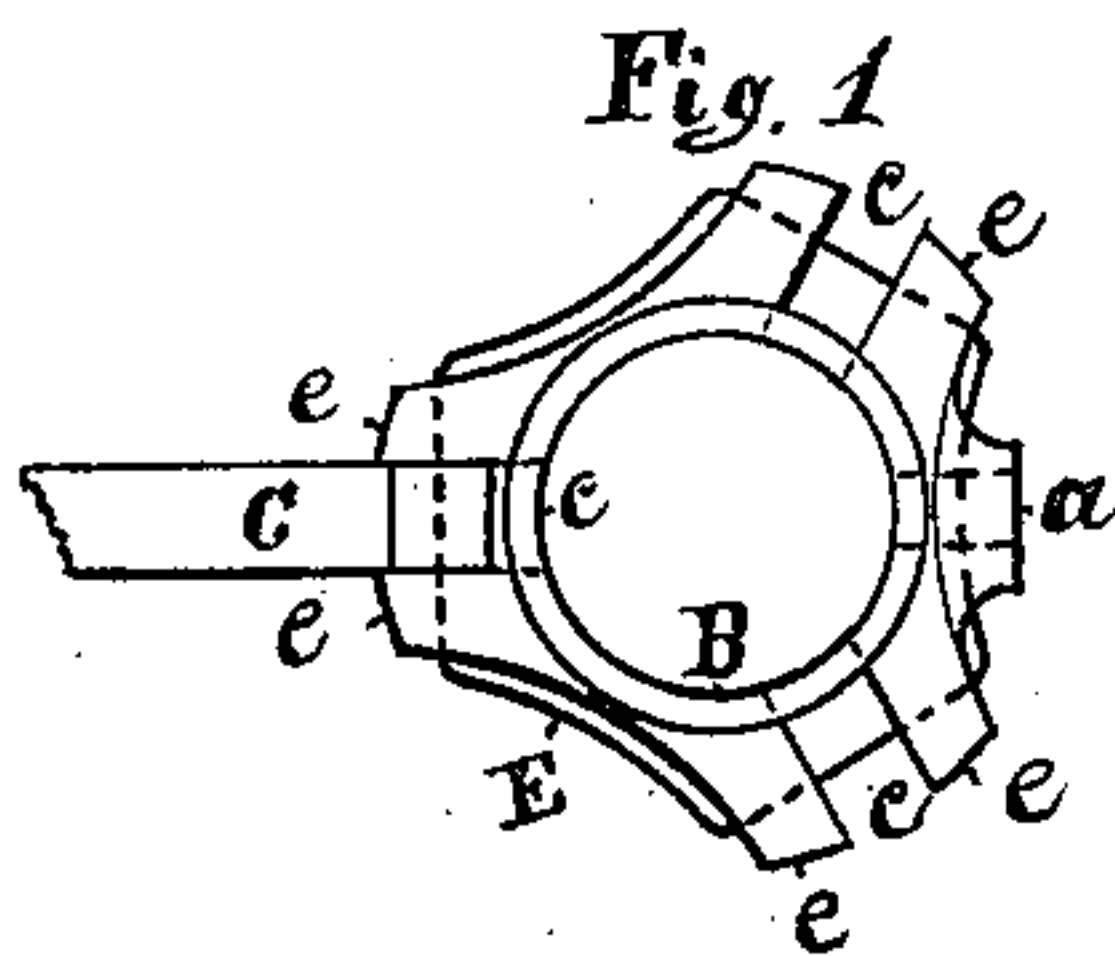
(No Model.)

R. C. BARRIE.

MUSIC STAND.

No. 300,834.

Patented June 24, 1884.



Witnesses
Wm H. Carnell
B. Robinson

Inventor
R. C. Barrie

UNITED STATES PATENT OFFICE.

ROBERT C. BARRIE, OF PHILADELPHIA, PENNSYLVANIA.

MUSIC-STAND.

SPECIFICATION forming part of Letters Patent No. 300,834, dated June 24, 1884.

Application filed July 28, 1883. (No model.)

To all whom it may concern:

Be it known that I, ROBERT C. BARRIE, of Philadelphia, Pennsylvania, have invented new and useful Improvements in Music-Stands, of which the following is a specification.

My invention relates to improvements in folding music stands or tripods; and it consists in the formation of the braces and the manner of attaching the same to the standard, as will be hereinafter specified, the objects being to cheapen the construction of said stands and to reduce the weight of the same, to form rigid connections of the parts, and add neatness to the mechanism as a whole.

Figure 1 represents a plan view of sleeve B. Fig. 2 is a part side elevation showing a vertical section of the sleeve and part section of the standard A. Fig. 3 represents a plan view of the lower end of the standard A.

The construction and arrangement of the several parts are as follows: The sleeve B is fitted to slide upon the standard A, and provided with a hub, through which passes a thumb-screw at *a* for the purpose of securing the said sleeve to the standard A. The sleeve B is also provided with extending lugs *e*, which form the recesses *c*, and into said recesses are fitted one end of the legs C. In Fig. 2 it will be seen that the lugs *e* are cut or grooved at *d*, said groove being made to receive an endless wire, E, which, in passing through the legs C, thus forms a fulcrum or pivot for said legs, allowing them to swing to and from the standard A. It will here be noticed that the recesses *c* extend inwardly through the sleeve B, thus allowing the legs to fold close to the said standard A.

By the above arrangement or construction of the sleeve B the usual method of riveting the legs to a hub or sleeve is thereby dispensed with.

In Fig. 2 will be seen the manner of connecting the braces D with the legs C and standard A, one end of said braces passing through the legs C at *i*, (see Fig. 3,) and the other ends,

passing through the standard A at *n*, are bent in a suitable manner, at *o*, around the standard, as shown in Fig. 2, the object being explained hereinafter in operation.

In Fig. 3 it will be evident that each of the braces D pass through the standard, and are bent in the same manner, said braces entering the standard at equal distances apart and arranged to pass one above the other, as shown in said figure, the object of the arrangement being to utilize the diameter of the standard in forming a journal for the braces D, while at the same time, the ends *o* of the said braces being bent in a suitable manner, the said standard prevents the folding of said braces in an outward direction.

Operation: In Fig. 2 it will be evident that if the sleeve B be drawn in an upward direction, the oscillating points *E' i' n'* will allow the legs C and braces D to fold alongside of the standard A, the ends *o* of the braces D moving away from the said standard during the operation thereof; and it will further be evident that the legs C and braces D will oscillate upon the said pivots in a return movement of the sleeve until the ends *o* of the said braces strike the standard A, when, by tightening the screw at *a*, a rigid connection of the legs C and braces D with said standard is obtained.

Being aware that there are other devices used in folding stands, I hereby specify that that which I claim as new, and which I desire to secure by Letters Patent, is—

In a folding music-stand, the braces D, passing transversely through the vertical rod at points equidistant apart and above and below each other, and being bent upon said rod, as shown, in combination with the rod A, the legs C, sliding sleeve B, and a common thumb-screw at *a*, substantially as shown and described.

ROBERT C. BARRIE.

Witnesses:

B. ROBINSON,
WM. H. CORNELL.