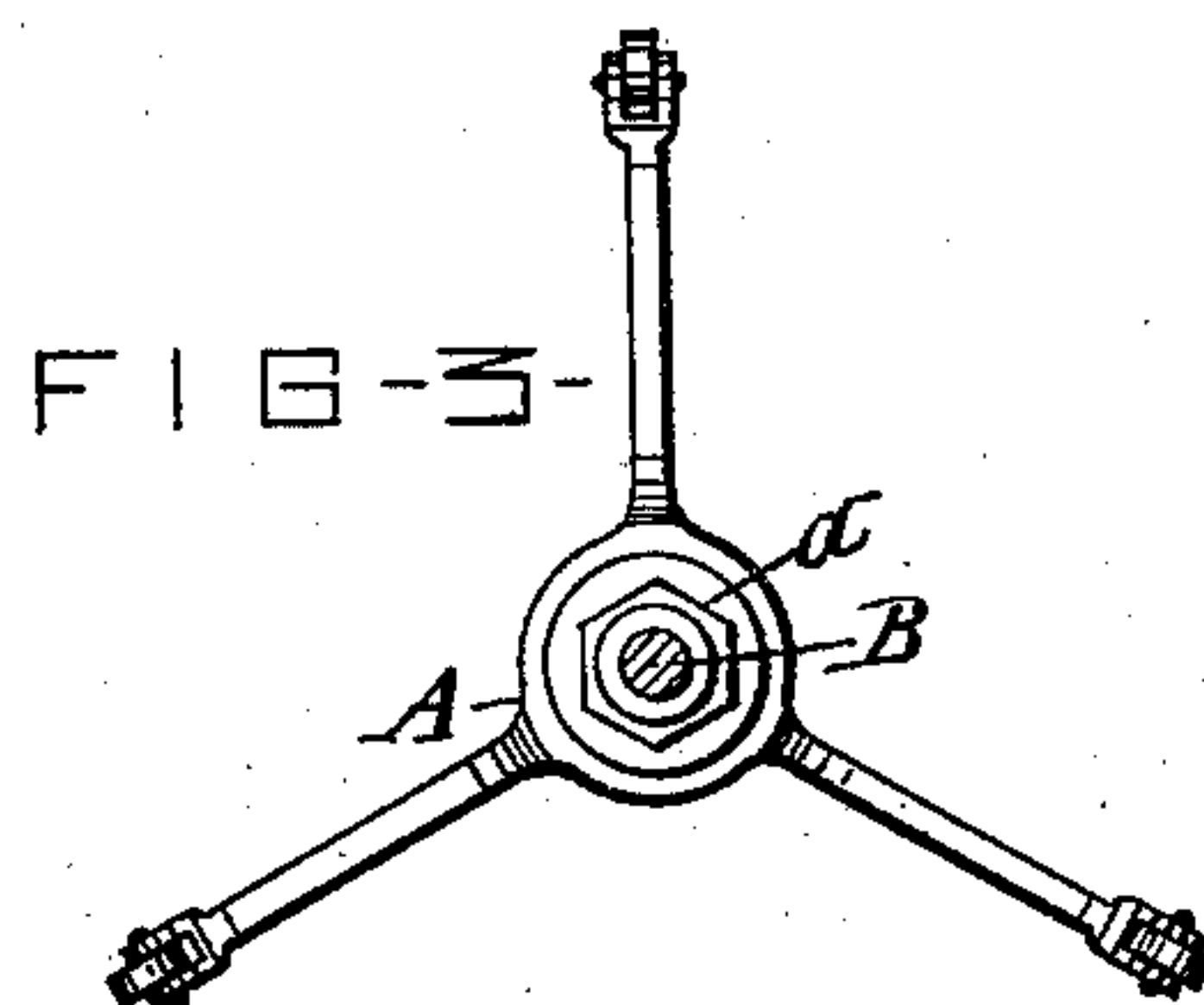
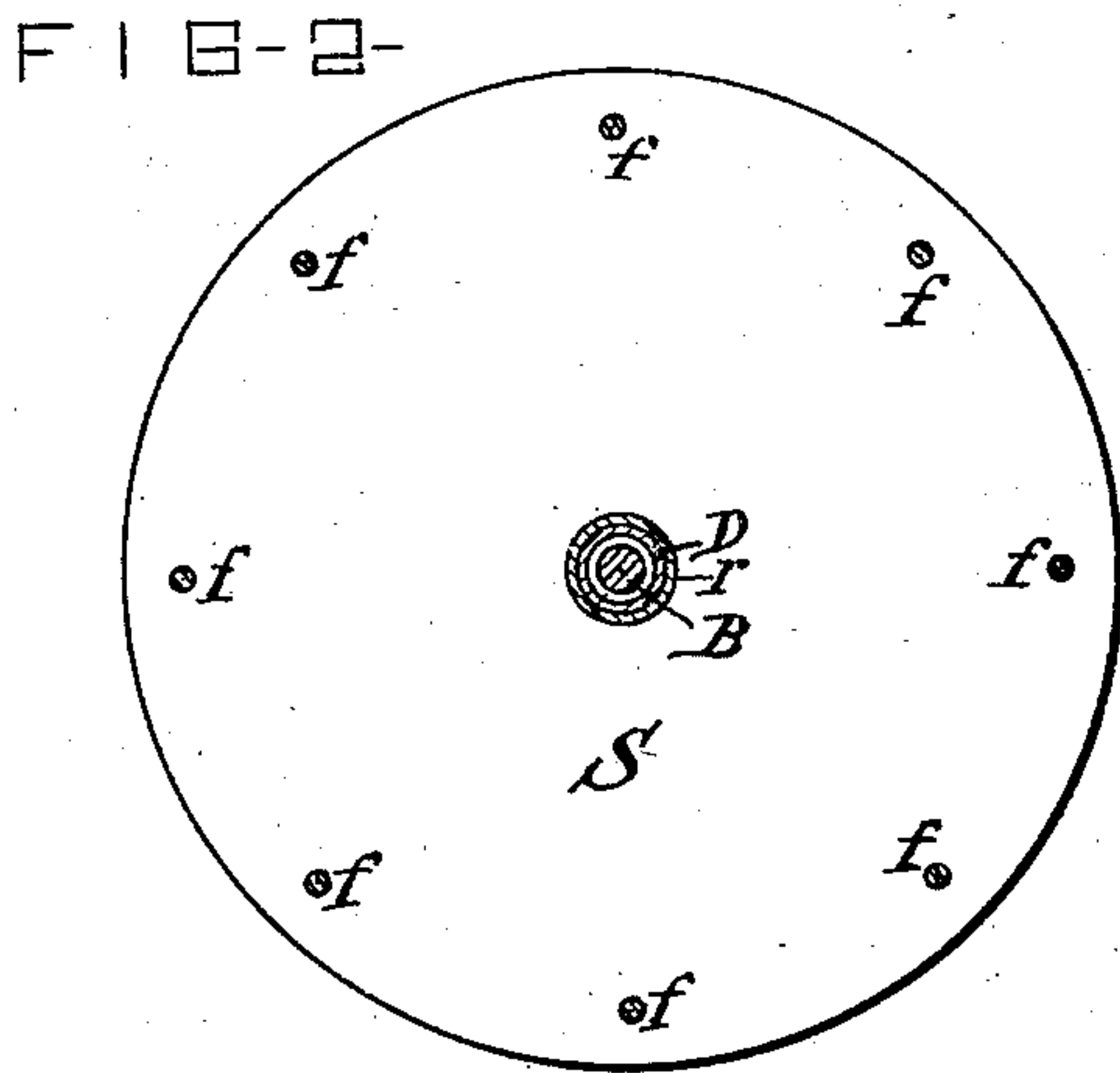
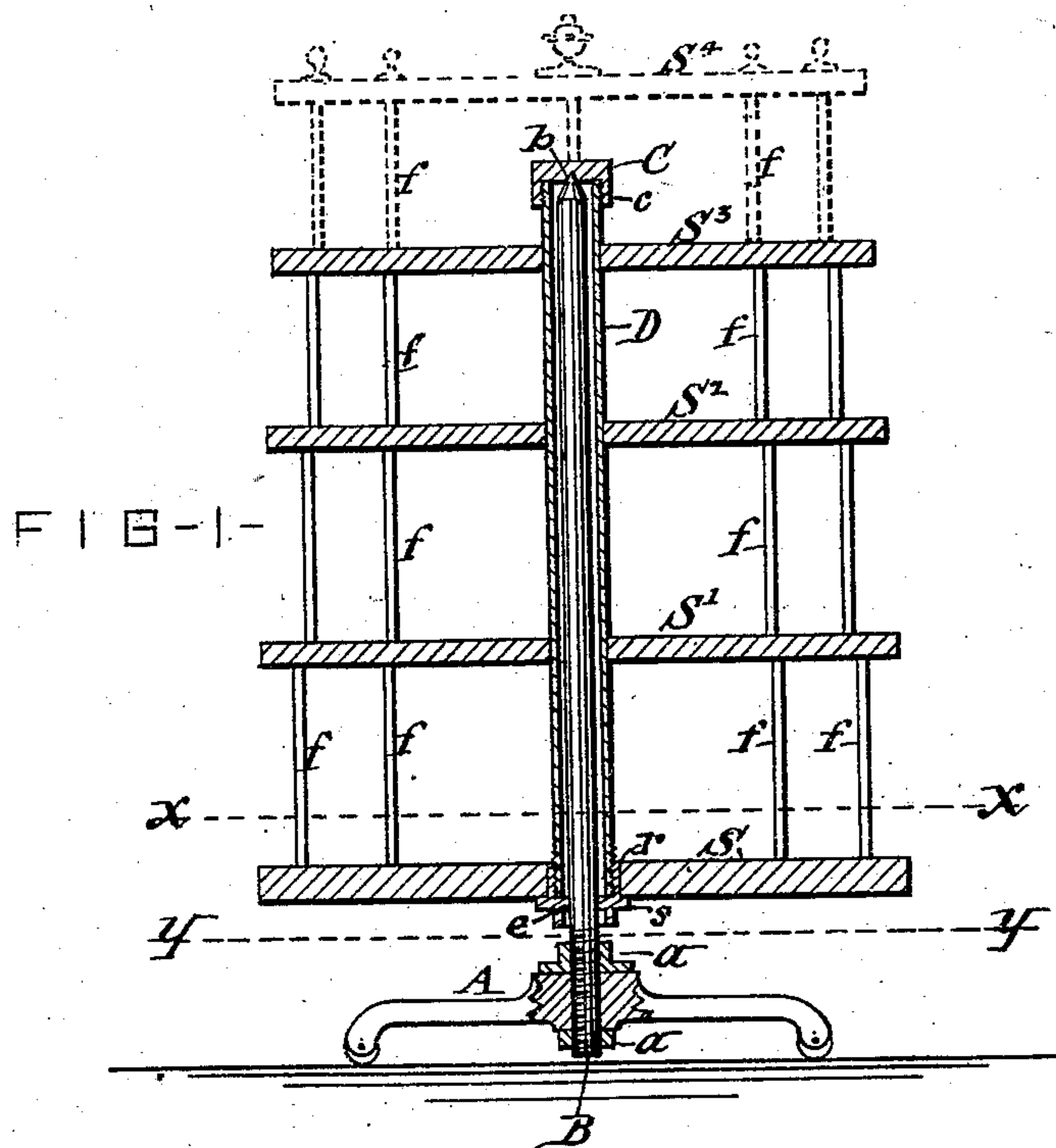


(No Model.)

D. M. SCHELL.
REVOLVING BOOK CASE.

No. 256,600.

Patented Apr. 18, 1882.



WITNESSES=

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C. H. Duell

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UNITED STATES PATENT OFFICE.

DUNCAN M. SCHELL, OF SYRACUSE, NEW YORK.

REVOLVING BOOK-CASE.

SPECIFICATION forming part of Letters Patent No. 256,600, dated April 18, 1882.

Application filed November 17, 1881. (No model.)

To all whom it may concern:

Be it known that I, DUNCAN M. SCHELL, of Syracuse, in the county of Onondaga, in the State of New York, have invented new and useful Improvements in Revolving Book Cases, of which the following, taken in connection with the accompanying drawings, is a full, clear, and exact description.

This invention relates to a revolving book-case comprising simplicity of construction, superior capacity for containing numerous books, and capability of being readily taken apart and folded compact and convenient for transportation.

The construction of the invention is as follows:

Referring to the annexed drawings, Figure 1 is a vertical section of the book-case, and Figs. 2 and 3 are horizontal transverse sections on lines *x x* and *y y*, respectively.

Similar letters of reference indicate corresponding parts.

A represents the base of the book-rack, preferably in the form of a low iron tripod provided with casters at its feet. To the center of the said base is firmly and at the same time detachably secured a standard-rod, B, which has its lower extremity screw-threaded and inserted in a hole in the center of the base, and provided on the top and bottom of the latter with a nut, *a*, by means of which the standard-rod is firmly clamped in position. The upper end of the standard-rod B is pointed to form a pivot, *b*, upon which is mounted a cap, C. This cap is provided with a female threaded downward-projecting flange, *c*, onto which is screwed, and thus detachably connected, a sleeve or tube, D, which is thereby held in a suspended position surrounding the standard-rod B, said tube being of a diameter to prevent frictional contact with the sides of the inclosed standard-rod, and of a length to clear the base A.

Onto the lower end of the tube D is screwed a collar, *r*, which has an inward flange, *e*, resting against the standard-rod, and thus steadying the tube D. On the exterior of the collar *r* is a flange, *s*, upon which is supported the bottom shelf, S, said shelf having a central aperture to allow it to be passed down over

the tube D and onto the aforesaid flange of the collar *r* and fit snugly on the latter. The bottom shelf, S, as well as all the succeeding upper shelves of the book-rack, is of circular form, as illustrated in Fig. 2 of the drawings, and all have a central aperture, to allow them to be passed down over the upper end of the tube D, and fit closely thereon.

The successive shelves are superstructed and supported by spindles or suitable props, *f f*, interposed between the shelves, preferably near the periphery thereof. The bottom shelf, S, is thus made to support all the other shelves, *s' s' s' s'*. Therefore all the lateral strain incident to an unequal distribution of weight on the shelves is thrown on the foot of the standard-rod B.

The described arrangement of supporting one shelf upon the other admits of extending the number of shelves above the end of the standard, as indicated by dotted lines in Fig. 1 of the drawings, and thus increasing the capacity of the book-rack as may be desired.

It will be observed that the construction and combination of the constituent parts of my improved book-case allow the same to be readily erected and as readily taken apart and folded into a compact compass convenient for transportation.

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

A knockdown revolving book-case consisting of a vertical central supporting-rod, B, detachably connected to a base, A, a tube or sleeve, D, surrounding said rod and suspended from the upper end thereof, and provided at its base with an external collar, *r*, a bottom shelf, S, having a central aperture fitted to slide over the tube D, said shelf S resting on the collar *r*, superstructed shelves *s' s' s' s'*, having a central aperture by which they slide over the tube D, and detachable spindles *f f*, interposed between the respective shelves and supporting the same, all constructed and arranged substantially as described and shown.

DUNCAN M. SCHELL.

Witnesses:

WM. C. RAYMOND,
C. H. DUELL.