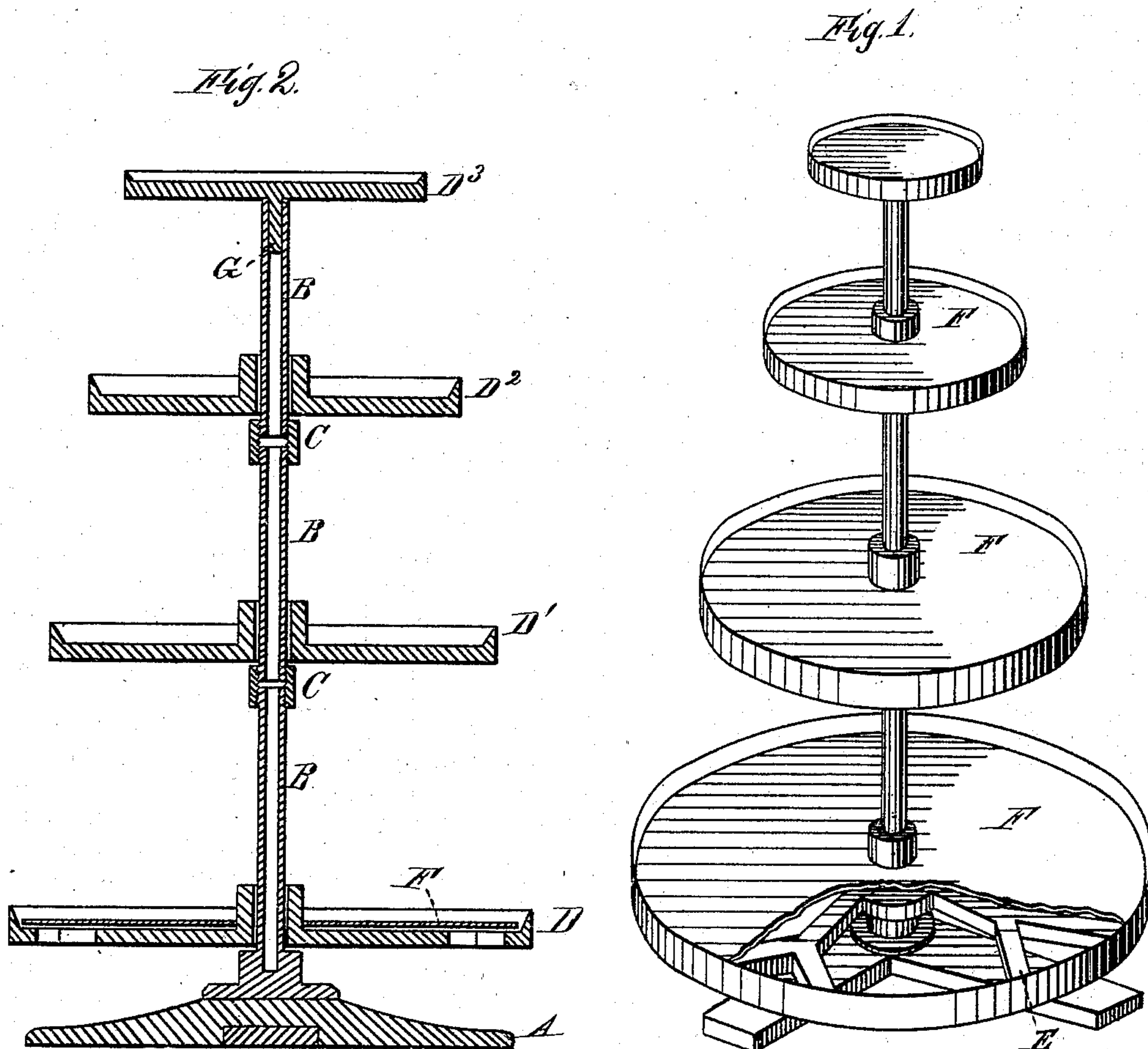


D. M. HAIGHT.
Flower and Merchandise Stands.

No. 197,931.

Patented Dec. 11, 1877



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UNITED STATES PATENT OFFICE.

DAVID M. HAIGHT, OF OSWEGO, ILLINOIS.

IMPROVEMENT IN FLOWER AND MERCHANDISE STANDS.

Specification forming part of Letters Patent No. **197,931**, dated December 11, 1877; application filed September 21, 1877.

To all whom it may concern:

Be it known that I, DAVID M. HAIGHT, of Oswego, Kendall county, State of Illinois, have invented certain new and useful Improvements in Flower and Merchandise Stands, of which the following, taken in connection with the drawing, is a specification:

This invention relates to that class of stands which are employed for supporting merchandise in stores and other places, as well as flowers, fruits, &c., and is more especially designed as an improvement on the stand described in Letters Patent 187,271, granted to me February 13, 1877.

In the stand covered by the said Letters Patent the reels are so constructed as to hold only and display ropes, cordage, and other large articles of merchandise. This, while being very desirable for that purpose, has been found objectionable when small articles are to be displayed.

The object of this invention is, therefore, to adapt such stand to the support of fruits, flowers, and other small merchandise, as well as ropes, cordage, &c.; and also to simplify the construction of the various parts, whereby a more effective, cheap, and reliable stand is produced than heretofore; and to this end the invention consists in the peculiar construction of the supporting rod or stand, and in the novel arrangement of parts comprising the reels, whereby a lighter and more simple rod or stand is produced than heretofore, and the said reels are adapted to a variety of uses not attainable in devices of this character as formerly constructed.

Referring to the drawing, in which like letters indicate corresponding parts in all the figures, Figure 1 is a perspective view of a stand embodying my invention, and Fig. 2 an axial section thereof.

A is the base, which may be of any suitable form or construction, and to which the rod or support B may be secured. This rod or support, for the sake of cheapness and simplicity, is formed of gas or other pipe, and is made in sections, in order that the same may be taken apart to be packed for transportation, or for the removal of the reels or shelves which are mounted thereon. The first or lower section is secured at its lower end to the base A, hav-

ing a collar or flange formed thereon, which is bolted to the upper side of the said base, or, if desired, the said section may be screwed into an aperture formed in the said base.

D, D¹, D², and D³ are the reels or shelves, mounted on the said rod or support B, they being held in their proper position by means of the collar or connection C. These collars or couplings, it will be seen, serve the double function of supporting the said reels or shelves, and also for connecting together the several sections of pipe comprising the supporting-rod. The reels D D¹ D² D³ are formed with a suitable hub for enveloping the supporting-rod B, and are provided with radial arms, which extend therefrom, and are connected at their outer ends to a suitable rim projecting from the upper side thereof. The reels, thus constructed, when mounted on the supporting-rod, are adapted to support rope, cordage, or other large articles of merchandise; but when it is desired to exhibit fruits, flowers, or other small articles, a sheet-metal bottom becomes necessary, as is shown at F in the drawing. This sheet-metal bottom is so constructed as to admit of the hubs of the reels or shelves passing therethrough, and said bottom extends outward to the rim, so that a circular shelf is formed having a rim, whereby the articles exhibited may be held and prevented from falling off.

In all the reels or shelves other than the top the supporting-rod passes through the centers of the same, which is not necessary in the case of such top reel or shelf, and for the sake of convenience in use and cheapness of construction, I provide on the under side of this latter shelf a stud, G, projecting downward axially therefrom. This stud enters the hole in the pipe, and thereby holds the top reel or shelf in proper position, and admits of the same being revolved, if desired. As this shelf is of such small dimensions, it is obvious that only small articles can be supported thereon. The detachable bottom is, therefore, unnecessary, and the same is accordingly constructed with a continuous bottom from center to circumference.

I have shown and described that the shelves are constructed of an open frame-work with a detachable bottom; but it is obvious that the

same may be constructed with a solid bottom, and I have illustrated such a construction in the drawing.

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

1. In combination with a series of reels or shelves and a supporting-rod formed in sections, as described, a series of collars or couplings adapted to perform the double function of supporting the said reels or shelves, and

also for connecting the sections of the said rod together, as and for the purposes described.

2. In combination with the base A and the series of reels or shelves D D¹ D² D³, the supporting-rod B, formed of gas or other pipe, in sections, and a series of couplings or connections, C, as and for the purposes described.

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Witnesses:

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