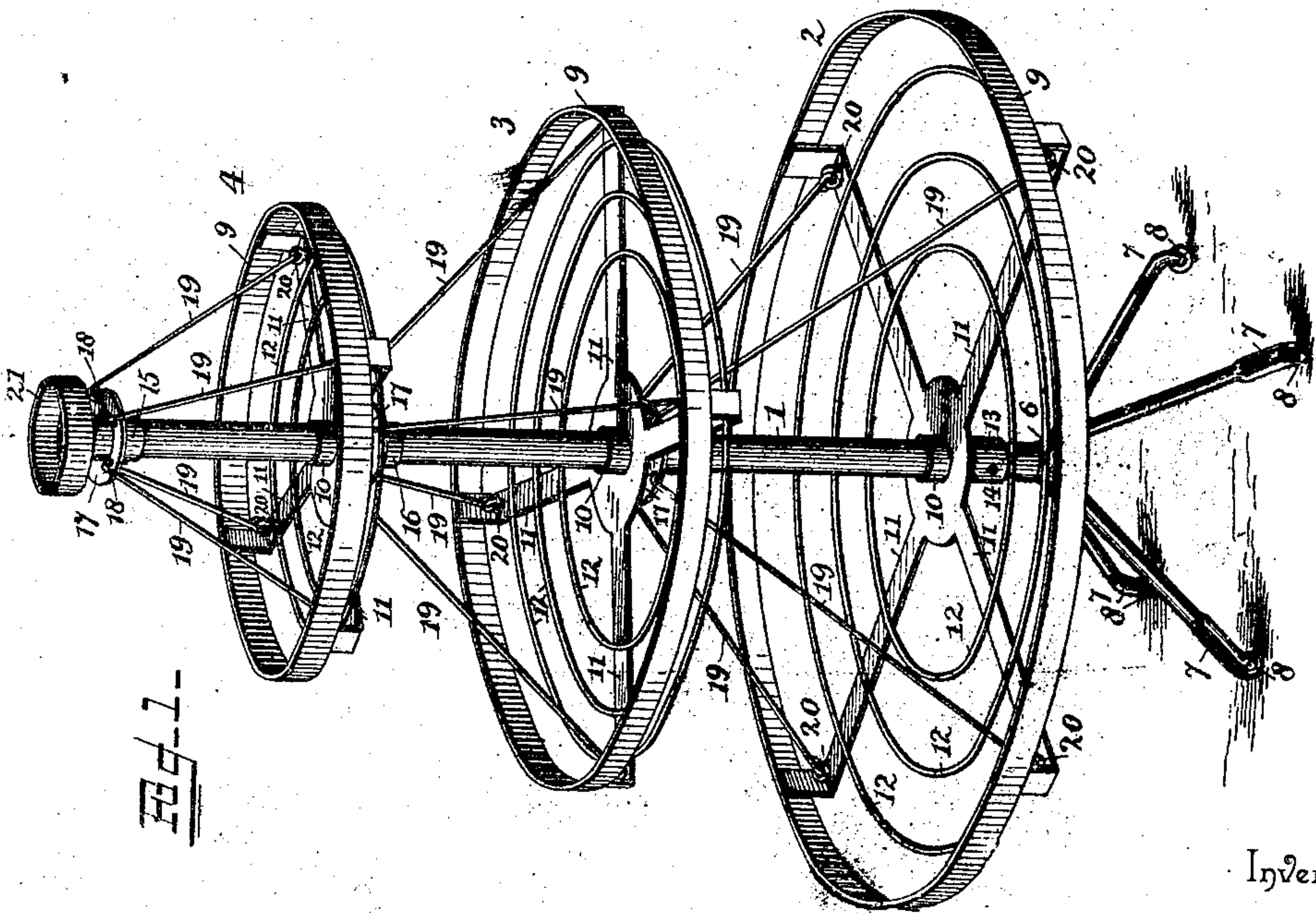
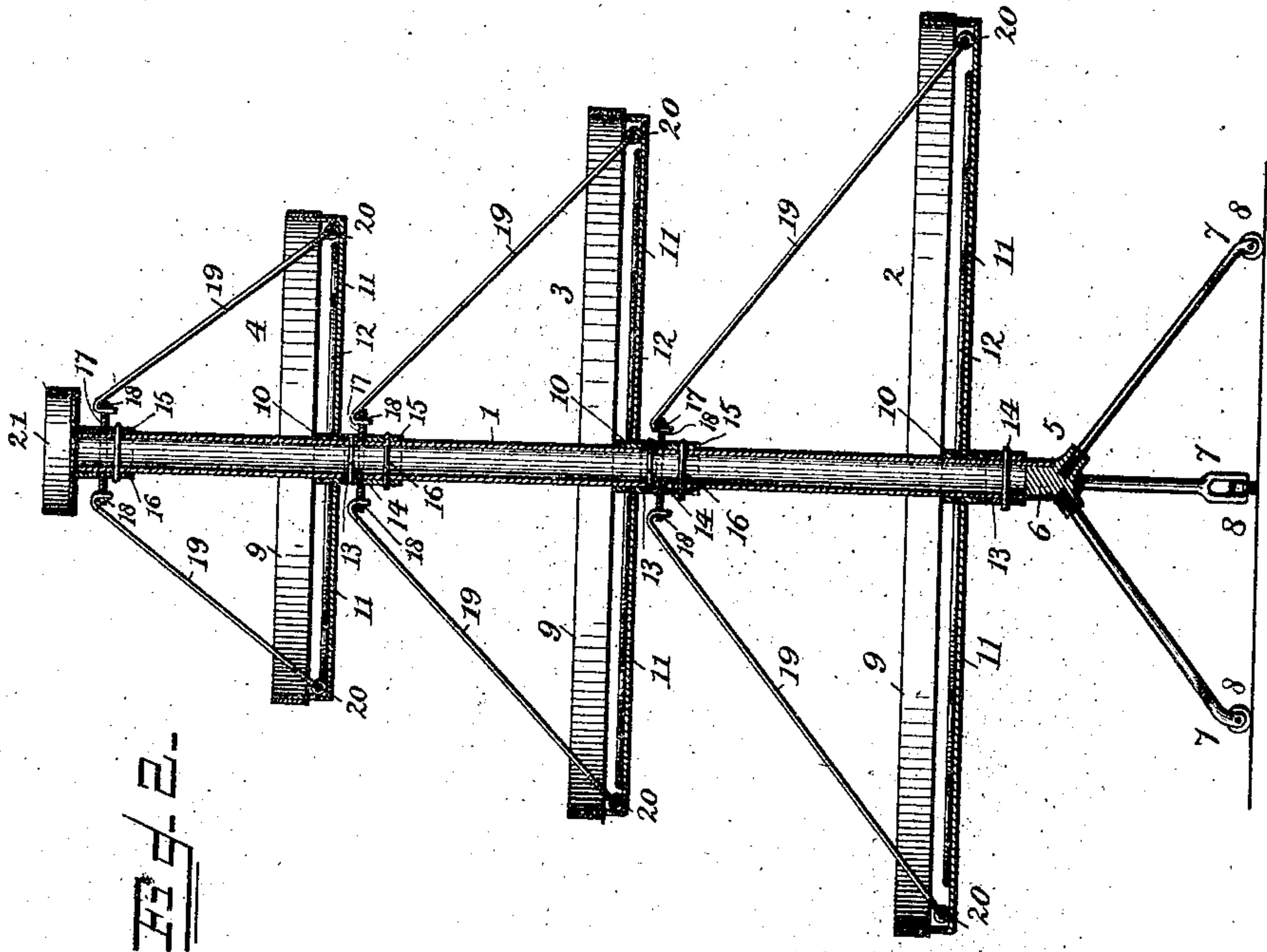


(No Model.)

A. C. NIELSEN.
REVOLVING FLOWER STAND.

No. 542,346.

Patented July 9, 1895.



Witnesses

Chas. H. Ourand,
R. M. Smith

By his Attorneys,

Anders C. Nielsen
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UNITED STATES PATENT OFFICE.

ANDERS C. NIELSEN, OF TYLER, MINNESOTA.

REVOLVING FLOWER-STAND.

SPECIFICATION forming part of Letters Patent No. 542,346, dated July 9, 1895.

Application filed march 14, 1895. Serial No. 541,751. (No model.)

To all whom it may concern:

Be it known that I, ANDERS C. NIELSEN, a citizen of the United States, residing at Tyler, in the county of Lincoln and State of Minnesota, have invented a new and useful Revolving Flower-Stand, of which the following is a specification.

This invention relates to an improvement in flower-stands of that class known as "revolving" stands, especially designed for supporting pots of flowers and also useful for supporting merchandise in stores and other places.

The object of the present invention is to provide an ornamental revolving stand, especially adapted for use in parlors and sitting-rooms and in bay-windows, which shall be simple in construction, strong and durable in practice, and easy of manipulation.

The invention consists in a stand for flowers, &c., comprising a series of concentric revolving shelves, a vertical central support therefor, a series of collars surrounding the standard or central support upon which the shelves rest, a corresponding series of perforated disks, supporting-collars therefor also surrounding said central support, and a series of inclined braces interposed between the shelves and disks for supporting the former at their peripheries.

In the accompanying drawings, Figure 1 is a perspective view of a revolving flower-stand constructed in accordance with my improvements. Fig. 2 is a vertical section through the same, showing the manner of supporting the several concentric shelves and the disks to which the supporting rods or braces extend.

Similar numerals of reference indicate corresponding parts in the several figures of the drawings.

Referring to the drawings, 1 indicates a centrally-arranged hollow standard or tubular support upon which a series of concentric shelves 2, 3, and 4 are revolvably mounted. At the lower end, the standard 1 is provided with a number of supporting-legs projecting radially therefrom and connected therewith in any convenient manner, but preferably screw-threaded at their inner ends, as indicated at 5, to engage corresponding screw-threaded sockets in a plug or casting 6, inserted in the lower end of the tubular support or standard.

The outer lower ends of the legs are preferably bifurcated or provided with parallel arms 7, between which a caster 8 is journaled.

The several circular shelves 2, 3, and 4 are each provided with an outer rim or peripheral band 9, which is connected with a small sleeve 10, surrounding the tubular support 1, by means of connecting radial bars or spokes 11, upon which are arranged concentric rings 12 of wire, which form an open-wire flooring upon which the pots of flowers or other articles may rest. A series of collars 13, one for each of the revolving shelves, surrounds the tubular standard, the same being secured in place by means of pins 14, extending through perforations in said collars and also in the tubular standard. The inner sleeves 10 of the shelves rest immediately above and upon such collars 13, thereby supporting the shelves at a central point.

A corresponding series of similar collars 15 surround the hollow standard 1, one just below each collar 13, above described, and detachably secured in place on said hollow standard by means of a removable pin 16. Just above each collar 15 and between it and the collar 13 a perforated disk or flat ring 17 surrounds the hollow standard, and has formed near its outer edge or periphery a series of perforations 18. From the disk 17 a series of wires, rods, or braces 19 extend outwardly and downwardly to and connect with suitable eyes 20, attached to the shelf next below said disk, at or near the periphery thereof. When the shelf is revolved the disk 17 and the connecting brace rods or wires are revolved therewith, and each shelf is thus independently supported and capable of being revolved without affecting the other shelves.

An important advantage of this stand is that each revolving shelf is supported centrally upon the standard around which it turns, and is also further supported at its outer edge or periphery by means of the inclined brace rods or wires and the revolving disk to which said wires are connected near the hollow standard.

Another advantage is that by removing the pins 14 and 16 and loosening the collars 13 and 15 described the shelves may all be removed from the standard 1 for storage or transportation. The legs may also be un-

screwed from the standard, thus enabling the whole device to be packed in a very small compass. The upper end of the hollow standard or tubular support 1 may be provided 5 with an ornamental cap-piece or cup adapted to receive a single pot of flowers, as indicated at 21.

Various changes in the form, proportion, and the minor details of construction may be 10 resorted to without departing from the principle or sacrificing any of the advantages of this invention.

Having thus described my invention, what I claim is—

15 1. A supporting stand for flowers, merchandise, &c. comprising a series of concentric revolving shelves, a standard or support therefor, and a series of collars surrounding said standard or support upon which said shelves 20 rest, in combination with a corresponding series of perforated disks, supporting collars therefor surrounding said standard or sup-

port, and a series of inclined connecting wires or braces, all arranged substantially as and for the purpose specified. 25

2. A separable or knock-down flower stand, comprising a centrally arranged hollow standard, a series of concentric revoluble shelves mounted thereon, a corresponding series of 30 revoluble perforated disks also surrounding said standards, and the interposed connecting wires or braces between said shelves and disks, in combination with a series of sliding and detachable collars for supporting said shelves and disks, and the removable pins 35 for holding said collars in position, substantially as described.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

ANDERS C. NIELSEN.

Witnesses:

HANS J. PEDERSEN,
JORGEN JORGENSEN.