

No. 830,943.

PATENTED SEPT. 11, 1906.

H. WESSELS.
STAND.

APPLICATION FILED SEPT. 12, 1905.

Fig. 1.

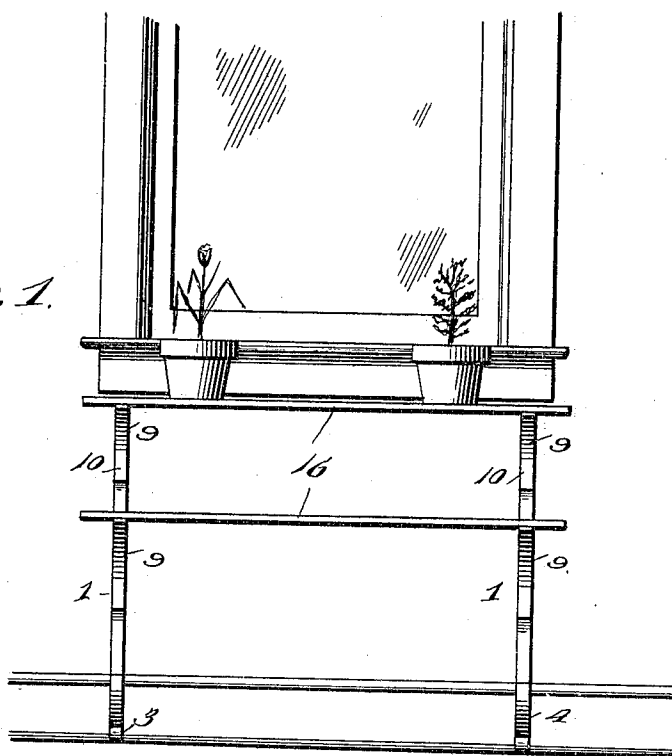


Fig. 2.

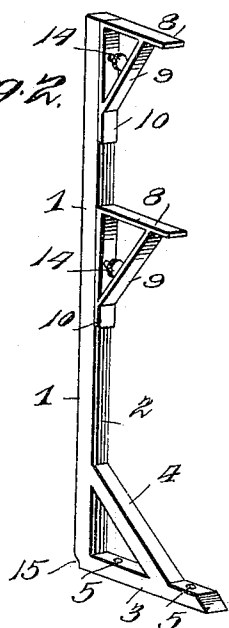


Fig. 3.

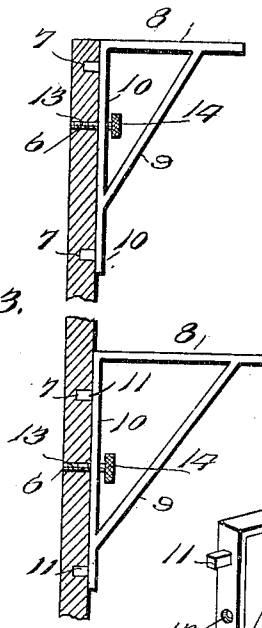
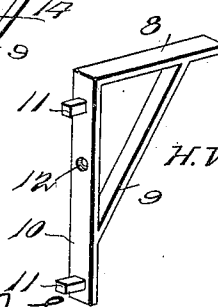


Fig. 4.



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UNITED STATES PATENT OFFICE.

HERMAN WESSELS, OF LAUREL, IOWA.

STAND.

No. 830,943.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, HERMAN WESSELS, a citizen of the United States, residing at Laurel, in the county of Marshall and State of Iowa, have invented new and useful Improvements in Stands, of which the following is a specification.

My invention relates to stands; and its primary object is to provide a novel and highly-useful device of this character which is especially designed for interior use, such as supporting plants in front of windows and for similar purposes, which may be easily and quickly taken down to facilitate its being moved from place to place, and which may be manufactured and sold at a comparatively small cost.

With the above and other objects in view the invention consists in the construction, combination, and arrangement of parts hereinafter fully described, claimed, and illustrated in the accompanying drawings, wherein—

Figure 1 is a front elevation of a stand constructed in accordance with my invention, illustrating the device as being used for supporting plants. Fig. 2 is a detail perspective view of one of the bracket-supporting standards. Fig. 3 is a central longitudinal sectional view through the upper portion of said standard, and Fig. 4 is a detail perspective view of one of the brackets.

Referring to the drawings by reference-numerals, 1 designates a vertically-disposed bracket-supporting standard, the same being preferably rectangular in cross-section, whereby to provide a flat bearing-face 2. Formed integrally with the lower end of the standard 1 is a horizontally-disposed base 3. To prevent the standard 1 from becoming bent or otherwise injured by any undue strain brought to bear thereon, I interpose between the standard 1 and base 3 a brace 4. The standard 1, base 3, and brace 4 are constructed, preferably, of some metal and in one molding operation. The base 3 is provided with openings 5, through which may be let any suitable means for securing the standard in applied position. The standard 1 is provided with threaded apertures 6 and sockets 7, the latter opening out through the bearing-face 2 thereof and being arranged in pairs, one of each pair on either side of each aperture 6. Brackets 8 are removably secured to the standard 1, and said brackets are of inverted-L-shape formation, the arms there-

of being made rigid by means of braces 9. The vertical arms or members 10 of the brackets are provided with studs 11 to be received by the sockets 7, and said arms or members are also provided with apertures 12 to permit of the passing of threaded bolts 13 therethrough to engage the threaded apertures 6 of the standard, said bolts being provided with knurled heads 14 to permit of the easy application and removal of the bolts. The bolts 13 secure the brackets 8 upon the standard 1, while the studs 11 prevent the brackets from turning upon the bolts, it being thus apparent that the brackets are firmly but detachably secured in applied position. The brackets are also adapted to be formed of some suitable metal in one molding operation.

In practice two or more of the standards are to be used, and when the device is to be used as a stand for supporting plants in front of a window the standards 1 are secured against the wall beneath the window by means of screws passing through the openings 5 and engaging the floor. In some constructions of houses the base-boards are provided with moldings which are secured to the outer surface thereof near their lower edges, and to permit of the rear portion of the standard 1 engaging the wall the lower end thereof is cut away, as at 15. After the standards are secured in applied position shelves 16 are mounted thereon, and the device is then ready for the use for which it is intended.

I have illustrated in the drawings the standards provided with two brackets; but I wish it to be understood that the same may be provided with as many brackets as there are shelves to be supported.

It is apparent from the above description that I provide a stand which comprises a construction which may be readily and quickly taken down to facilitate its being moved from place to place and which may be quickly set up. It is also apparent that in view of the fact that the brackets are removably secured to the standard 1 the same may be replaced by larger or smaller brackets to compensate for shelves of varying width and also that one or more brackets may be used.

From the foregoing description, taken in connection with the accompanying drawings, the construction and mode of operation of the invention will be understood without a further extended description.

Changes in the form, proportions, and

minor details of construction may be made within the scope of the invention without departing from the spirit or sacrificing any of the advantages thereof.

5 Having fully described and illustrated my invention, what I claim is—

A stand comprising a standard having its lower end disposed horizontally to provide a base, said standard being provided with sockets and a threaded aperture located between
10 the sockets, a diagonal brace interposed between the standard and base and having its

ends attached to said parts, a bracket provided with studs adapted to be received by the sockets and with an aperture located between the studs, and a threaded bolt let through the aperture in the bracket and engaging the aperture in the standard.

In testimony whereof I affix my signature in presence of two witnesses.

HERMAN WESSELS.

Witnesses:

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