J. J. JONES.

DISPLAY STAND.

APPLICATION FILED OCT. 18, 1913.

1,096,374.

Patented May 12, 1914.

2 SHEETS—SHEET 1.

Fig. 1

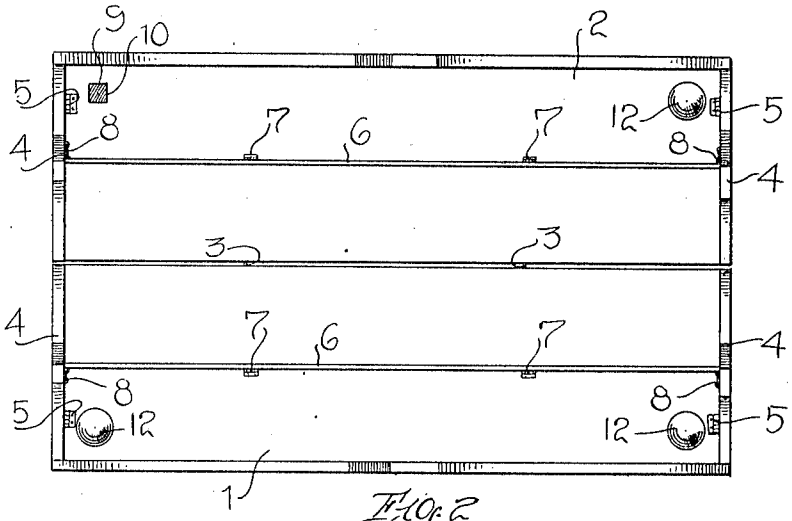
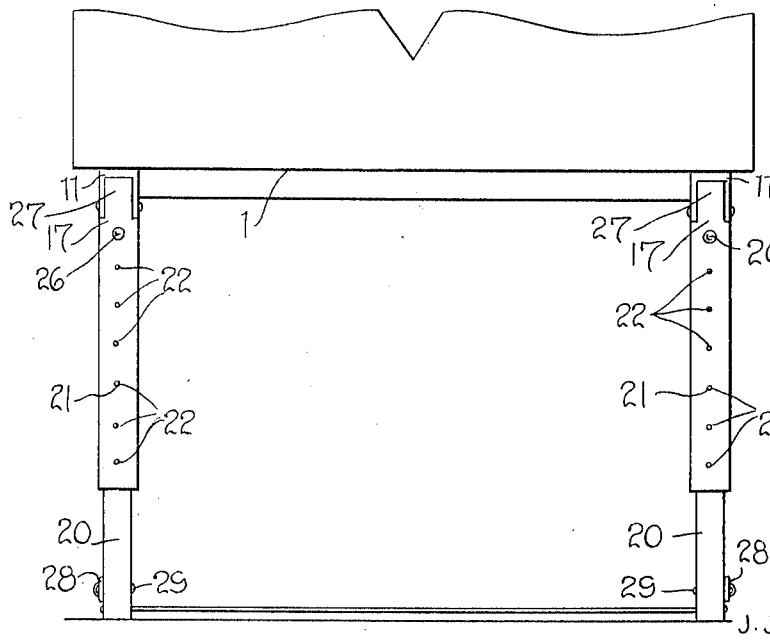


Fig. 2



Witnesses
Robert M. Sutphen.
V. J. Dorwick.

Inventor
J. J. JONES

By Watson E. Coleman
Attorney

COLUMBIA PLANOGRAPH CO., WASHINGTON, D. C.

J. J. JONES.

DISPLAY STAND.

APPLICATION FILED OCT. 18, 1913.

1,096,374.

Patented May 12, 1914.

2 SHEETS—SHEET 2.

Fig. 3

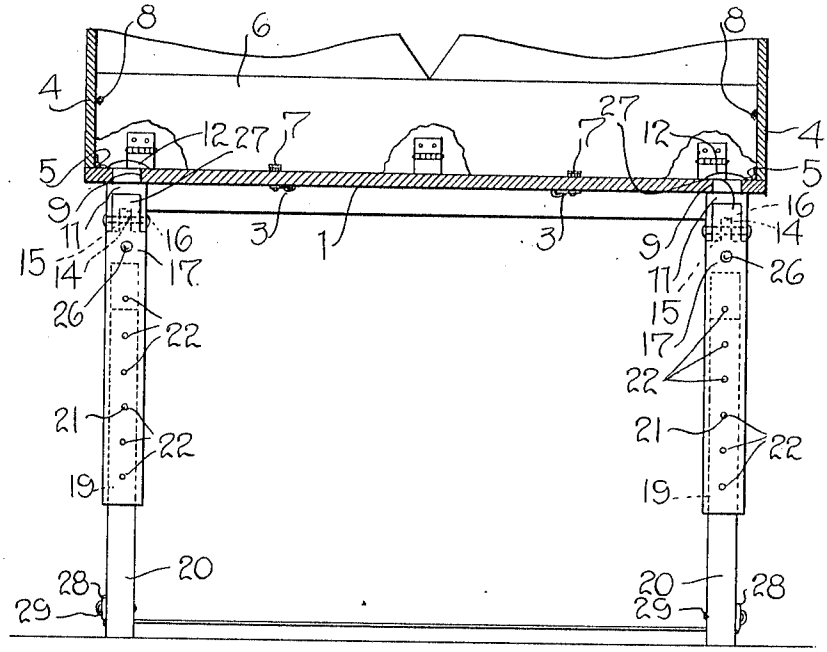
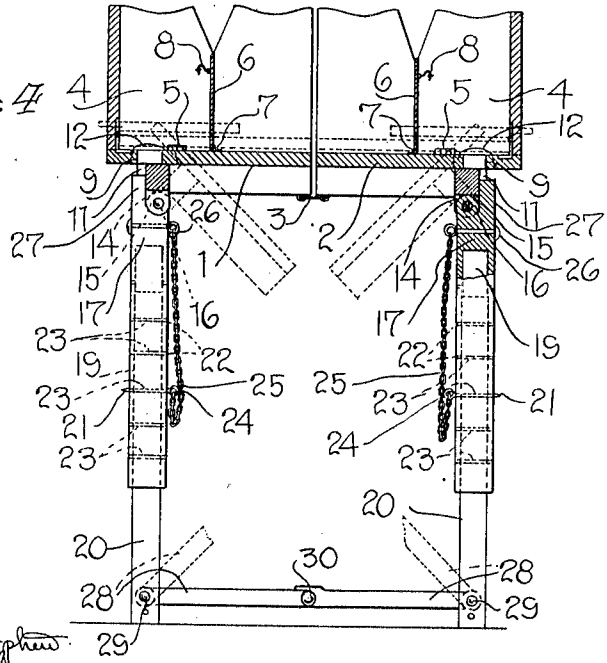


Fig. 4



Witnesses
Robert M. Lutphen
V. J. Dowrick

Inventor
J. J. JONES.

By Watson E. Coleman
Attorney

COLUMBIA PLANOGRAPH CO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

JOHN J. JONES, OF AVALON, PENNSYLVANIA.

DISPLAY-STAND.

1,096,374. Specification of Letters Patent. Patented May 12, 1914.

Application filed October 18, 1913. Serial No. 796,027.

To all whom it may concern:

Be it known that I, JOHN J. JONES, a citizen of the United States, residing at Avalon, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Display-Stands, of which the following is a specification, reference being had to the accompanying drawings.

This invention relates to certain improvements in display stands and has relation more particularly to a device of this character generally employed for the display of fruit, vegetables or the like, and the object of the invention is to provide a device of this general character having novel and improved means whereby the stand may be readily and conveniently adjusted to assume various positions and which when not in use may be readily folded together in order to occupy a minimum of space in storage.

The invention consists in the details of construction and in the combination and arrangement of the several parts whereby certain important advantages are attained and the device is rendered simpler, less expensive and otherwise more convenient and advantageous for use, all as will be hereinafter more fully set forth.

The novel features of the invention will be carefully defined in the appended claim.

In order that my invention may be the better understood, I will now proceed to describe the same with reference to the accompanying drawings, wherein—

Figure 1 is a top plan view of a display stand constructed in accordance with my invention having a part thereof in section to illustrate a certain detail. Fig. 2 is a view in side elevation of the device as shown in Fig. 1. Fig. 3 is a longitudinal vertical section taken through the supporting means therefor, such means being shown in elevation, and Fig. 4 is a transverse vertical sectional view taken through Fig. 1 with certain of the parts in section to illustrate certain details.

As illustrated in the accompanying drawings, 1 and 2 denote the sections of the table or platform of my improved stand, as herein disclosed, each of which is herein shown as rectangular in form and these sections are adapted to occupy the same horizontal plane when in operative position with their adjacent longitudinal edges in substantial contact, the adjacent marginal portions of such sections 1 and 2 being provided with suitable coacting means 3 secured to the under surfaces thereof to maintain such sections 1 and 2 in operative relation, such means being herein shown as a conventional sliding bolt carried by one of the sections adapted to engage a suitable catch on a second member. While the drawings disclose but two of such members, it is thought to be obvious that any number desired may be employed as the necessities of practice may dictate.

Each of the sections 1 and 2 is provided at its ends and outer longitudinal side with the leaves 4 hingedly secured thereto, as at 5, and serving to afford the requisite sides to the table or platform when assembled in order to prevent displacement therefrom from the articles positioned thereon. The hinges 5 permitting such leaves to be folded inwardly of the sections when the device is to be compacted. If desired the hinges may be so positioned as to permit such leaves to be folded outwardly, as is believed to be obvious. Each of the sections is also provided with the longitudinally directed leaf 6 hingedly secured to the upper surface of the section, as at 7, and adapted to be folded thereon, such leaf being herein shown at substantially the transverse center of the section. These leaves or partitions 6 serve to divide the table or platform into a series of compartments in which different kinds of fruits, vegetables or other merchandise may be placed. Any conventional means 8 may be employed for holding the leaves 4 and 6 in operative position.

Each of the sections 1 and 2 adjacent the outer corners thereof is provided with the apertures 9 angular in cross section and through which are adapted to be projected the stems 10 of similar angular cross section as the opening 9, produced on the blocks 11, the projected portions 12 of such stems 10 being upset in order to securely hold the blocks 11 against displacement from the relative sections 1 and 2, it being obvious that the angular cross section of the stems 10 coacting with the walls afforded by the openings 9 serves to hold such blocks 11 against axial movement. While I have shown the projected portions 12 as upset, it is thought to be obvious that such portions may be suitably engaged by any requisite re-

taining means. Each of the blocks 11 has its free end portion bifurcated, as at 14, the kerf 15 thereof beng disposed in a direction transversely of the adjacent section of the table or platform. Projecting within the kerf 15 and snugly accommodated therein is a perforated ear 16 formed on the end of the upper section 17 of a supporting standard or leg, the opening whereof is in register with similar openings produced in the forks of the bifurcation 14 and through which is adapted to be passed the pin or pintle 18 whereby such section 17 is caused to pivotally engage the coacting section. The lower portion of the section 17 is provided with the inwardly directed socket 19 adapted to be telescopically engaged by the second or lower section 20, such section 20 being operatively held to the section 17 through the medium of a pin 21 adapted to be projected through the alined openings 22 produced in the section 17 and through one of the transversely directed openings 23 afforded in the lower section 20. In order that the pin 21 may be conveniently maintained against loss, I prefer that it terminate in an eye portion 24 to which is secured an end of a flexible member 25, the opposite end of such member 25 being secured to an eye bolt 26 anchored to the section 15 at a point above the socket 19 therein. A plurality of openings 23 are produced in the lower section 20 and disposed in alinement longitudinally thereof whereby it will be readily perceived that the table or platform afforded by the sections 1 and 2 may be adjusted relative to the supporting surface on which the legs or standards may be rested.

In order to limit the outward movement of the sections 17 of the legs or standards, I provide each of such sections at its pivoted end portion with the upstanding lug or finger 27 which is adapted to contact with the outer edge surface of the coacting block 11 and thus assure the proper vertical positioning of such section while the inward movement of the legs or standards is under control, when the device is adjusted into operative position, by the inwardly directed arms 28 pivotally secured, as at 29, to the lower sections 20 of the legs or standards at the adjacent ends of the sections 1 and 2, such arms 28 having their inner ends pivotally united, as at 30, and thus serving, when adjusted in horizontal alinement, to prevent inward movement of the legs or supports.

When it is desired to compact or collapse my improved display stand, the leaves 4 and 6 are caused to fall inwardly upon the upper surfaces of the sections 1 and 2 whereupon such sections are disengaged by releasing the retaining means 3 whereupon the sections 1 and 2 will drop inwardly against their respective supporting legs or standards. The arms 28 are then forced inwardly which results in the bringing of the standards or legs of the different sections 1 and 2 substantially in contact one with the other, whereupon it will be observed that my improved stand occupies but a minimum of space and can be readily and conveniently placed in storage.

From the foregoing description of my improvements, it is thought to be obvious that a display stand constructed in accordance with my invention is of an extremely simple and comparatively inexpensive nature and is particularly well adapted for use by reason of the convenience and facility with which it may be assembled or collapsed or be adjusted to varying heights and it will also be obvious that my invention is susceptible of some change and modification without material departure from the principles and spirit of my invention and for this reason I do not wish to be understood as limiting myself to the precise arrangement and formation of the several parts herein shown in carrying out my invention in practice.

Having thus described my invention, what I claim, is:

A device of the character described comprising a plurality of sections, supporting standards for the sections pivotally secured thereto, inwardly projected arms pivotally carried by the lower portions of the supporting standards and having their adjacent ends in pivotal engagement, coacting locking means carried by the sections to hold such sections in alinement and leaves hingedly carried by the sections and adapted to be folded thereon.

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

JOHN J. JONES.

Witnesses:
SAMUEL JONES,
HENDERSON M. MATTHEWS.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."