J. JAKAB.

COLLAPSIBLE STAND.

APPLICATION FILED FEB. 10, 1915.

1,173,665.

Patented Feb. 29, 1916.

2 SHEETS—SHEET 1.

Fig. 1.

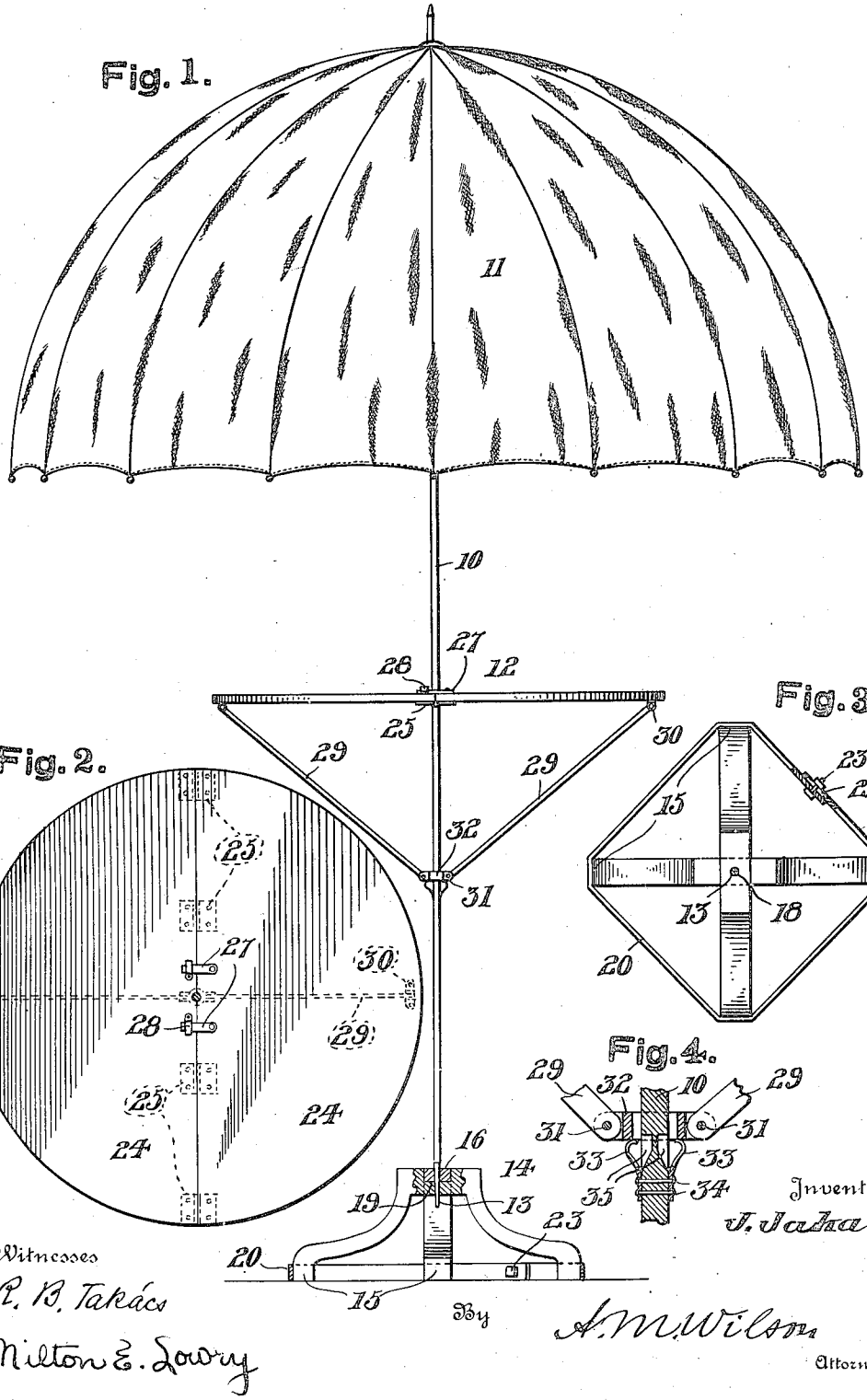


Fig. 2.

Fig. 3.

Fig. 4.

Witnesses

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2 SHEETS—SHEET 2.

Fig. 5.

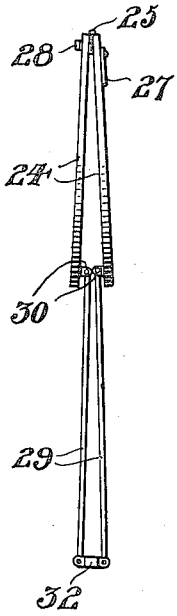


Fig. 6.

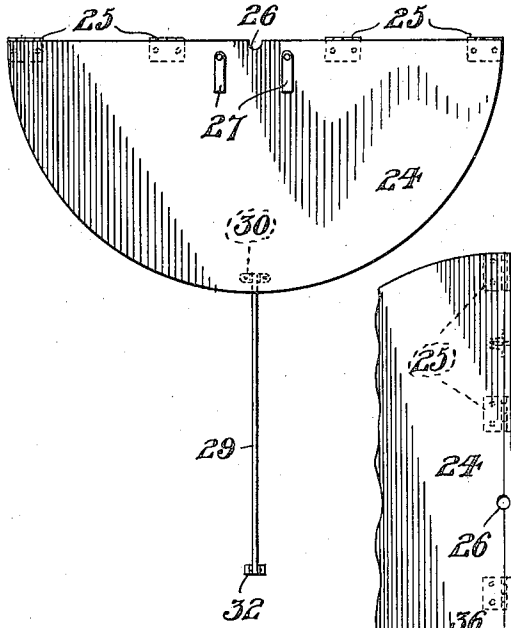


Fig. 8.

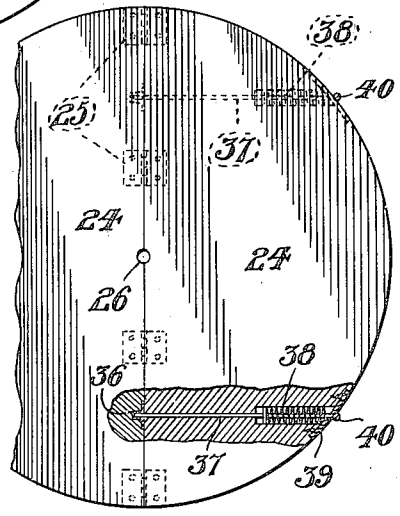


Fig. 7.

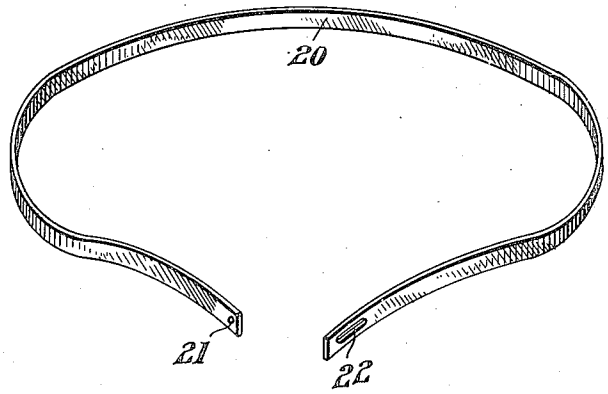
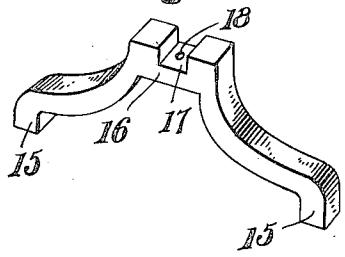


Fig. 9.



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UNITED STATES PATENT OFFICE.

JOHAN JAKAB, OF AURORA, ILLINOIS.

COLLAPSIBLE STAND.

1,173,665. Specification of Letters Patent. Patented Feb. 29, 1916.

Application filed February 10, 1915. Serial No. 7,289.

To all whom it may concern:

Be it known that I, JOHAN JAKAB, a subject of the King of Hungary, residing at Aurora, in the county of Kane and State of Illinois, have invented certain new and useful Improvements in Collapsible Stands, of which the following is a specification.

This invention relates to certain new and useful improvements in collapsible stands.

An object of the present invention is to provide a stand that may be easily and quickly set up in operative position and constitute a stand of a supporting table especially adapted for fairs for containing any kind of articles.

A further object of the invention is to provide a collapsible stand in which there is provided a folding table section and an umbrella or hood section arranged above the table to protect the articles placed thereon from the sun's rays.

With the above general objects in view and others that will appear as the nature of the invention is better understood, the same consists in the novel construction, combination and arrangement of parts to be hereinafter more fully described and then claimed.

In the accompanying drawings which show the preferred embodiments of the present invention and to which reference is had herein by like characters designating corresponding parts throughout the several views:—Figure 1 is a side elevational view of a stand in operative position, with the base-supporting portion partially shown in section. Fig. 2 is a horizontal sectional view taken through the vertical supporting rod to illustrate the manner of holding the table section in operative position. Fig. 3 is a horizontal sectional view taken through the vertical supporting rod and below the table section, better to illustrate the manner of securing the sections of the base together. Fig. 4 is a detail sectional view of a portion of the vertical supporting rod, illustrating the manner of holding the table elevated in operative position. Fig. 5 is an end elevational view of the table section detached from the remaining structure. Fig. 6 is a side elevational view of the same in folded position. Fig. 7 is a detached perspective view of the fastening strap for the base-supporting sections. Fig. 8 is a top plan view of a portion of the table section illustrating in modified form, a manner of holding the table sections in horizontal operative position, and, Fig. 9 is a detached perspective view of one of the base-supporting sections.

Briefly described, the present invention aims to provide a collapsible stand especially designed for fair grounds or for other venders, and includes a vertical supporting rod having an umbrella or hood section carried by the upper end thereof, a collapsible table section supported intermediate the ends of said rod, and a collapsible base section for supporting said rod.

Referring more in detail to the accompanying drawings, the reference numeral 10 designates a vertical supporting rod having an umbrella or hood section 11 carried by the upper end thereof and of such size to completely shade or cover the table section 12, as clearly shown in Fig. 1, to protect the articles placed on the table from the rays of the sun. This umbrella 11 is of any preferred construction and when the device is collapsed, the umbrella is folded in the usual manner. The lower end of the rod 10 is tapered as at 13 and is adapted to be supported at this point by the base member 14.

One of the sections of the base member 14 is shown in Fig. 9 and consists of a pair of oppositely-disposed feet 15 connected by an integral central portion 16, which central portion is provided with an upwardly-disposed cut-away portion or recess 17 and apertured as at 18. The other section of the base member 14 includes similar supporting feet 15 with the central connecting portion 16 having a cut-away portion 19 in the under side thereof adapted to register with the cut-away portion 17, and this central portion is further apertured as at 18 to receive the pointed end 13 of the rod 10. In order to hold these base members in assembled position and to prevent accidental displacement of the same, I have provided the strap 20 shown in Fig. 7, formed with an opening 21 in one end and a slot 22 in the other end for the reception of a locking member 23, as shown in Fig. 3, and which strap is positioned about the feet 15 of the supporting members. This strap may be formed of any suitable material, but I prefer to construct the same of metal.

The table section 12 includes a pair of leaves 24 hinged together as at 25 to swing downwardly as shown in Fig. 5, these leaves being provided at their hinged joint and centrally thereof with registering re-

cesses 26 to provide a clearance for the rod 10. In order to prevent an upward movement of the leaf sections 24, when the same assume the position shown in Fig. 1, I have provided fastening means including swinging clips 27 pivoted to one of the leaf sections 24 and adapted to be moved to engaging position with the keepers 28 carried by the opposing section. The supporting means for causing the leaves to assume a horizontal position include brace rods 29 pivoted at one end as at 30 to the opposite edges of the hinged leaf sections, while the other ends thereof are pivotally articulated as at 31 to the sliding collar 32. This collar is adapted to slide upon the rod 10 and in the position shown in Figs. 1 and 4 is adapted to be engaged by a pair of spring fingers 33 secured as at 34 to the rod 10 and which rod is provided with recesses 35 into which the spring fingers 23 are adapted to be moved when it is desired to lower the sliding collar 32 for purposes of collapsing the table 12. This operation will be clearly evident by reference to Fig. 4.

In Fig. 8, I have shown a modification of the swinging clips 27 adapted for holding the table leaves 24 in horizontal position and in this construction, one edge of one leaf at the hinged joint is socketed as at 36 for the reception of the projecting end of a pin 37 slidably mounted within the other leaf section and spring-pressed as at 38 to cause the same to positively engage within the socket 36. The spring 38 is seated in a socket provided in one of the leaf sections, and which socket is closed at its outer end by the face plate 39 through which extends the operating head 40 of the pin 37. In order to collapse the table in this instance, it is necessary to retract the pins 37 against the tension of the spring 38, while in the preferred construction, it is necessary to remove the swinging clips 27 from the keepers 28.

In setting the stand up in operative position as shown in Fig. 1, the base sections 14 are first positioned as shown in Fig. 1, with the strap 20 positioned about the feet thereof as indicated in Fig. 3. The openings 18 in the base section 14 register and provide a support for the reduced lower end of the rod 10, it being noted that the table section 12 is previously positioned upon the rod 10 and the umbrella 11 raised at will. The table section 12 assuming the position shown in Figs. 5 and 6, is moved upwardly past the spring fingers 33 until the sliding collar 32 is in such position as to rest upon the same. It is now possible to lower the table leaves 24 to cause the brace rods 29 to move outwardly to the position shown in Fig. 1 until the leaves 24 assume a horizontal position, at which time, the clips 27 are moved to engaging position with the keepers 28 or the spring-pressed pins 37 are caused to be received within the sockets 36. This will hold the leaf sections 24 in fixed horizontal position while the table is supported at a certain elevation by the sliding collar and spring fingers.

What I claim as new is:—

The combination with a central supporting rod, of a pair of table leaves each of semi-circular form and having their chordal sides provided with recesses embracing and slidable upon said rod, hinges arranged beneath said leaves to permit the same to fold downward upon said rod, braces extending from the rod beneath the said leaves diagonally toward the outer end therof and slidably mounted on the rod, means to hold the braces in extended position, and means to hold said leaves in locked alinement comprising sockets formed in the edge of one leaf adjacent the edge of the other leaf, the remaining leaf having bores extending through the same from the edge adjacent the first leaf to the outer edge of the second leaf, said bores having their outer ends enlarged, plates covering the outer ends of the bores, pins slidable through the plates and bores and engageable at their inner ends in the sockets, collars on said pins in spaced relation to the plates, expansion springs between the collars and the plates, a head on the ends of the pins which project outwardly from the plates.

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

JOHAN JAKAB.

Witnesses:
A. KUFFLER,
R. B. TAKACS.