

No. 630,755.

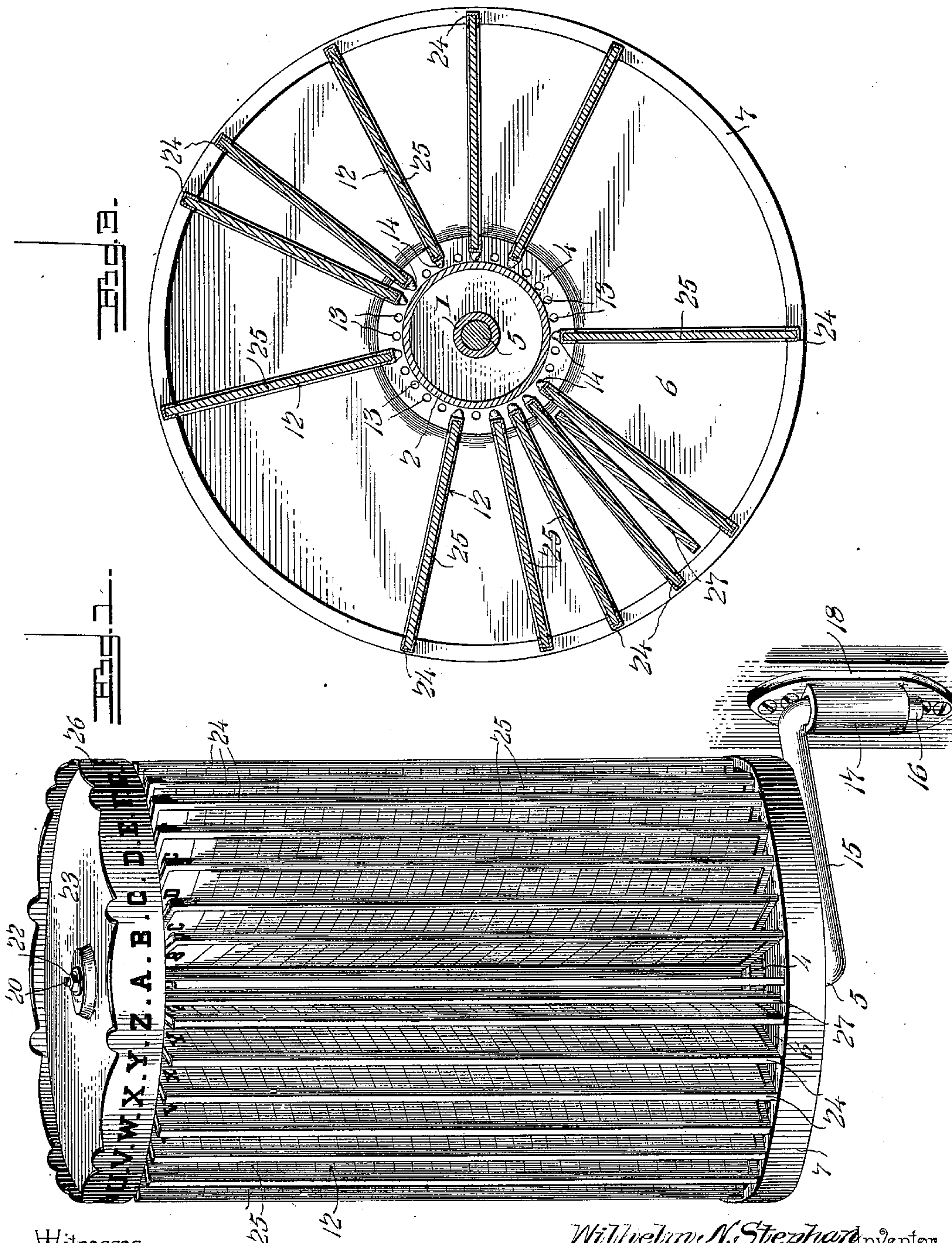
Patented Aug. 8, 1899.

W. N. STEPHAN.
EXHIBITING STAND FOR PRICE LISTS.

(Application filed Jan. 11, 1899.)

(No Model.)

2 Sheets—Sheet 1.



Witnesses
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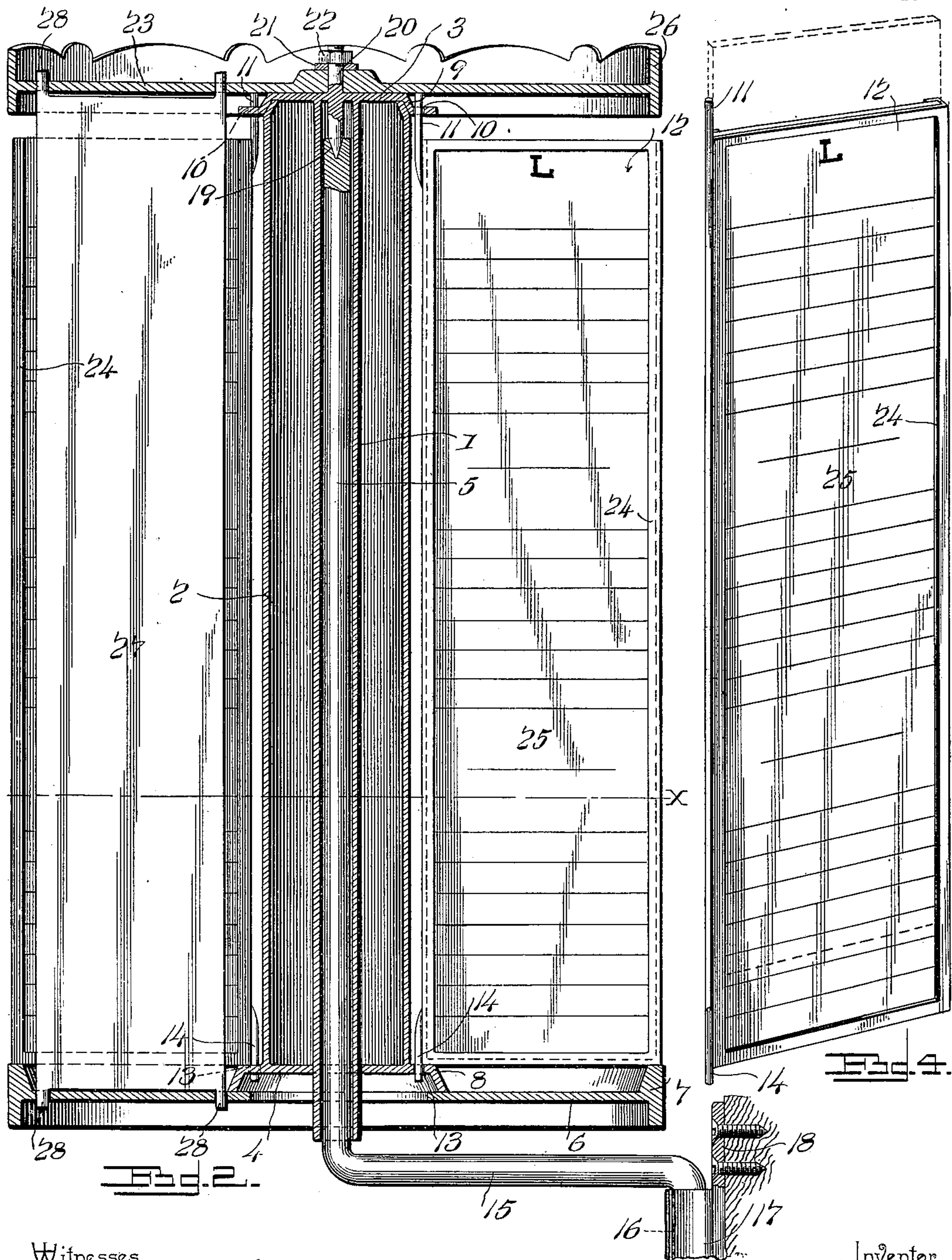
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UNITED STATES PATENT OFFICE.

WILHELM N. STEPHAN, OF OLEAN, NEW YORK.

EXHIBITING-STAND FOR PRICE-LISTS.

SPECIFICATION forming part of Letters Patent No. 630,755, dated August 8, 1899.

Application filed January 11, 1899. Serial No. 701,874. (No model.)

To all whom it may concern:

Be it known that I, WILHELM N. STEPHAN, a citizen of the United States, residing at Olean, in the county of Cattaraugus and State of New York, have invented a new and useful Exhibiting-Stand for Price-Lists, of which the following is a specification.

This invention is designed, primarily, to provide a device for receiving price-lists of hardware and other merchandise, so as to admit of ready reference thereto when required and which will enable the price-list to be readily changed at any time, the different lists being indexed, so as to admit of the required list being instantly brought into position for inspection. It will be understood that the device may be used as an exhibitor and for filing or storing articles for future ready reference.

For a full understanding of the merits and advantages of the invention reference is to be had to the accompanying drawings and the following description.

The improvement is susceptible of various changes in the form, proportion, and the minor details of construction without departing from the principle or sacrificing any of the advantages thereof, and to a full disclosure of the invention an adaptation thereof is shown in the accompanying drawings, in which—

Figure 1 is a perspective view of the invention. Fig. 2 is a vertical central section thereof. Fig. 3 is a plan section on the line X X of Fig. 2, some of the leaves being omitted. Fig. 4 is a detail view of a leaf, showing the price-list partly drawn out.

Corresponding and like parts are referred to in the following description and indicated in the several views of the drawings by the same reference characters.

The device comprises a body rotatably mounted, a series of leaves pivotally connected with the body, so as to be swung either to the right or to the left, and supporting means for the body. The central portion of the body consists of an inner tube 1 and an outer tube 2, and these tubes are rigidly connected at their ends to plates 3 and 4, the inner tube having its lower end portion extending a short distance below the bottom plate 4 to provide an extended bearing against

the vertical spindle 5 of the support. The plates 3 and 4 have a marginal portion extending beyond the sides of the outer tube 2 and formed with a corresponding series of openings in vertical alinement. The portion of the plates having the openings therein is offset for the purpose presently to be explained. The bottom plate 4 is secured to the lower head 6 in any desired manner, and said head is provided at its peripheral edge with a ring or band 7 to give stiffness and strength to the head. This rim 7 may be plain or embellished, according to the caprice of the manufacturer. The plate 4 is offset by having its middle portion pressed upward, the offset 8 being of a height slightly exceeding the portion of the rim 7 projecting above the head 6, so that the lower ends of the leaves may rest upon the part 8 and swing clear of the part 7 when radially disposed, and force is applied thereto for movement in either direction to admit of the required price-list being brought into convenient position for inspection. The offset portion 9 of the plate 3 is depressed, and the openings 10 formed therein receive the upper pintles 11 of the leaves 12. The openings 13 of the lower plate 4, receiving the lower pintles 14 of the leaves, are provided in the offset part 8, which latter is in a higher plane than the lower head 6.

The support upon which the device is rotatably mounted consists of a stout rod bent to form a horizontal portion 15, a vertical spindle 5, and a vertical journal 16, which is received in a socket 17 of a plate 18, attached to the vertical dividing-strip of shelving or to any suitable support. A conical depression 19 is formed in the upper end of the spindle 5 and receives the lower pointed end of a pin 20, rigidly secured centrally to the plate 3 and projecting into the upper portion of the tube 1. This pin 20 constitutes a pivotal support for the device and projects above the plate 3 and has its projecting end threaded to receive a washer 21 and a nut 22, by means of which the upper head 23 is held in position when placed upon the plate 3.

The leaves 12 consist of metal frames 24 and price-lists 25, the latter being strips of stout paper or like sheet material having the prices inscribed thereon. The bottom and side

frame-bars have their inner edges grooved, so as to receive corresponding edge portions of the strips 25 and retain them in place. The upper frame-bar consists of a single element 5 which is located to one side of the plane of the guide-grooves formed in the side frame-bars, so as to admit of the ready insertion and the removal of the price-lists or strips 25 from the frames when desired. The pintles 11 and 10 14, applied to the inner edges of the leaves, are short lengths of wire, which are soldered or otherwise rigidly attached to the inner bars of the frame 24. The upper pintles 11 are longer than the lower pintles 14, so as to obtain a bearing in the openings 10 after the 15 lower pintles 14 have entered the openings 13. The leaves are placed in position by inserting their upper pintles 11 into the openings 10 of the plate 3 and moving the leaves 20 upward to cause the lower ends of the pintle 14 to clear the offset portion 8 of the plate 4, and after the pintles 14 have been brought into coincident relation with the openings 13 the leaves are permitted to descend, thereby 25 allowing the pintles 14 to enter the openings 13. The pintles 11 are of such a length as to secure a firm bearing in the opening 10 after the pintles 14 have been received into the opening 13. The inner edges of the leaves 30 are adjacent to the outer tube 2, and the latter lends stiffness to the device and braces the plates 3 and 4 at their outer edges.

The head 23 is centrally apertured to receive the upper portion of the pin 20 and is 35 clamped between the plate 3 and the washer 21 and extends over the upper ends of the pintles 11, so as to prevent vertical displacement of the leaves after the device has been properly assembled and is in condition for use 40 as a means of ready reference. This head 23 is stiffened and strengthened by having a rim or band 26 applied to its outer edge, and this band may be ornamented to give any desired finish to the device and receives the designat- 45 ing characters which correspond to like characters upon the leaves, so as to admit of the required price-list being brought into convenient position for observation. The same indicating characters are applied to the band 50 26 and the upper cross-bar of the frames 24 and correspond in position, thereby rendering it easy to find the required price-list. As shown, the indicating characters are the letters of the alphabet, and in order that the first 55 and last letters or characters of the series may be separated a vertical partition 27 is provided, and this partition has end pins or extensions 28 adjacent to its front and rear edges to enter corresponding openings of the 60 heads 6 and 23 and which serve as means to fix the position of the partition when in place. This partition furthermore stiffens and strengthens the structure and determines the line of separation between the first and the 65 last leaves of the series.

The leaves have the price-lists inscribed thereon or other matter applied thereto which

it is required to have accessible for ready reference, and being detachably connected 70 with the body of the device can be carried to any convenient point to have the matter desired to be exhibited applied thereto. When it is desired to remove any of the leaves, the head 23 is liberated by backing the nut 22 75 upon the pin 20, after which the head 23 is lifted a sufficient distance to permit of the upward movement of the leaf to be displaced, so that the lower pintle 14 may be wholly with- 80 drawn from the opening 13 and clear the offset portion 8. The leaf is now lowered, thereby withdrawing the pintle 11 from the opening 10, when the leaf is free and completely disengaged from the structure. The reverse 85 of the movement herein described is resorted to in placing a leaf in position. When the leaves are in place and the head 23 secured by being clamped between the parts 21 and 3, the leaves cannot be removed. By having 90 the device rotatably mounted upon the spindle 5 any required price-list or leaf can be brought into position directly opposite the person desiring to inspect it, and by having 95 the leaves pivoted they can be turned either to the right or to the left, so as to expose the broad side and render the reading of the list or matter comparatively easy. By having 100 the support mounted in the socket 17 the device can be swung to one side or the other of the dividing-strip of shelving, so as to clear the boxes adjacent to said strip, whereby the device offers no obstruction to their easy access.

Having thus described the invention, what is claimed as new, and desired to be secured by Letters Patent, is— 105

1. In a device of the class described, the combination with a spindle, of an inner tube mounted thereon and having a closed upper end, a bearing-pin passed through said closed end and engaging the end of the spindle, a 110 radial flange upon the tube having bearings therein, a second tube concentric with and inclosing the inner tube and engaging the flange thereon, a plate connected with the inclosing tube and engaging the inner tube, 115 bearings in said plate in alinement with their respective bearings of the inner-tube flange, and leaves journaled in alining bearings, substantially as described.

2. In a device of the class described, the combination with a spindle, of an inner tube 120 mounted thereon and having a closed upper end, a bearing-pin passed through said closed end and engaging the end of the spindle, a radial flange upon the tube bent downwardly 125 and outwardly and inclosing the end of the tube, a second tube concentric with and inclosing the inner tube, bearings in the outwardly-turned portion of the inner-tube flange, a lower plate having an upwardly- 130 pressed central portion engaging the inner and outer tubes, bearings in the upwardly-pressed portion alining with their respective bearings in the inner-tube flange, leaves hav-

ing pivotal connection with said alining bearings and resting upon said upwardly-pressed portion and an upper plate clamped upon the upper end of the inner tube and engaging the upper pivot-pins of the leaves to prevent their upward movement, and a partition engaging the upper and lower plates, substantially as described.

3. In a device substantially as described, the combination of fixed upper and lower plates having a corresponding series of alining openings, leaves having upper and lower pintles passed through corresponding openings of said plates and detachably connected therewith by a lifting or sliding movement, a locking device detachably connected with the upper plate and overlying the upper pintles and disposed to prevent vertical movement of the leaves and disengagement thereof from the supporting-plates, a supplemental lower plate, alining perforations in the supplemental plate and locking device, and a partition having projections entering the perforations to hold the partition in position, said partition being adapted for removal when the locking-plate is removed, substantially as specified.

4. In a device for the purpose specified, the combination of upper and lower plates rigidly connected and having corresponding alining openings, leaves each having end pintles the one of different length from the other passed through corresponding openings of the plates and detachable therefrom by a vertical sliding movement, a locking-head removably fitted upon the upper plate and overlying the upper pintles to prevent vertical movement of the

leaves and disengagement thereof from their supporting-plates, means for securing the locking-head to the upper plate, a supplemental lower plate, alining perforations in the supplemental plate and locking device, and a partition having projections entering the perforations to hold the partition in position, said partition being adapted for removal when the locking-plate is removed substantially as set forth.

5. In a device of the character described, a support, frames having pivotal connection with the support, lists detachably fitted to the frames by a sliding movement from above, and a head removably secured to the said support and extending over the frames and lists and preventing displacement of the latter, substantially as set forth.

6. In a device of the character specified, a support, frames pivotally connected with the support and removable therefrom by an upward sliding movement of its pintles, lists detachably connected with the frames by a sliding movement from above, a head extending over the frames and lists and preventing upward displacement of both, and means for removably securing the head to the said support, 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.

WILHELM N. STEPHAN.

Witnesses:

J. P. JOHNSON,
EARLE D. HOLMES.