

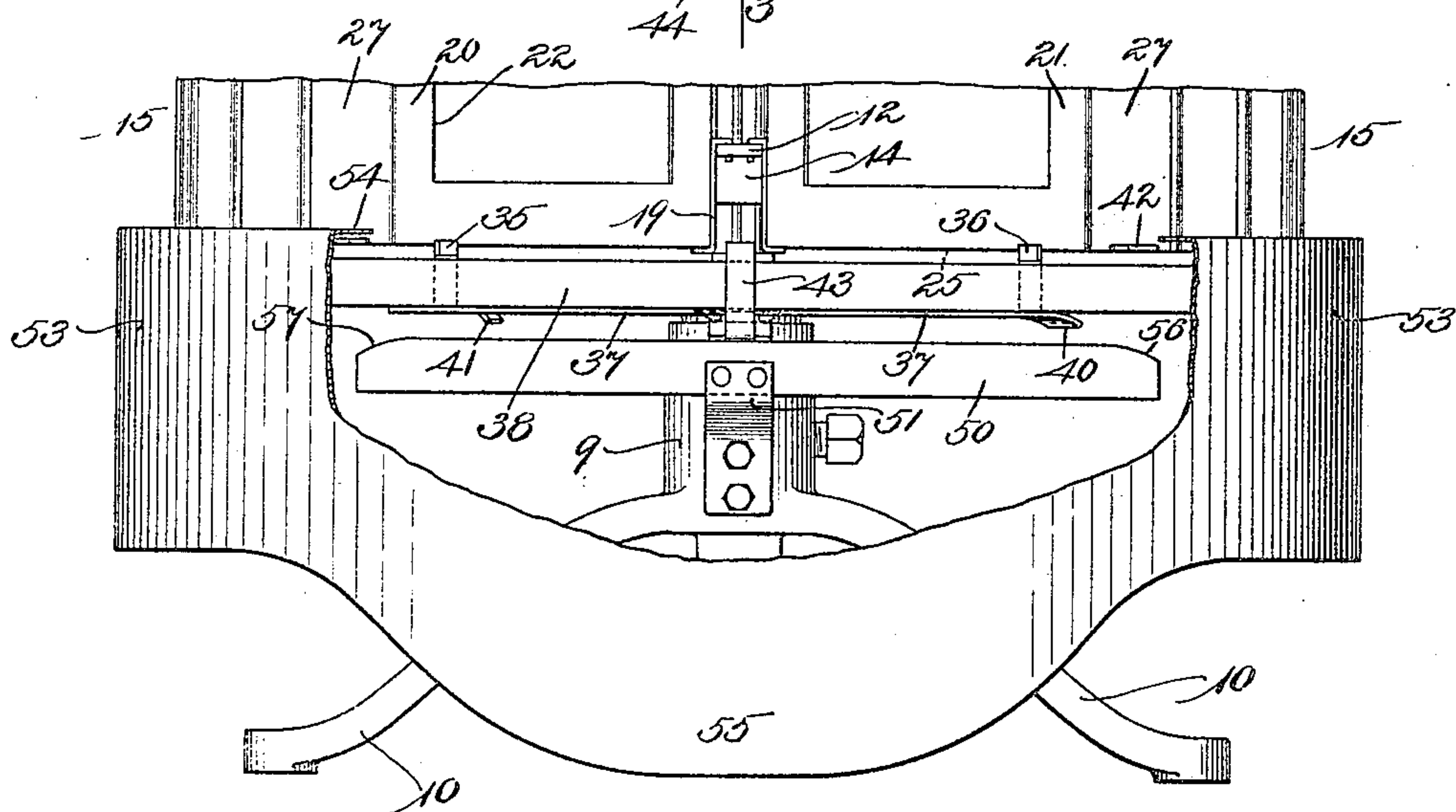
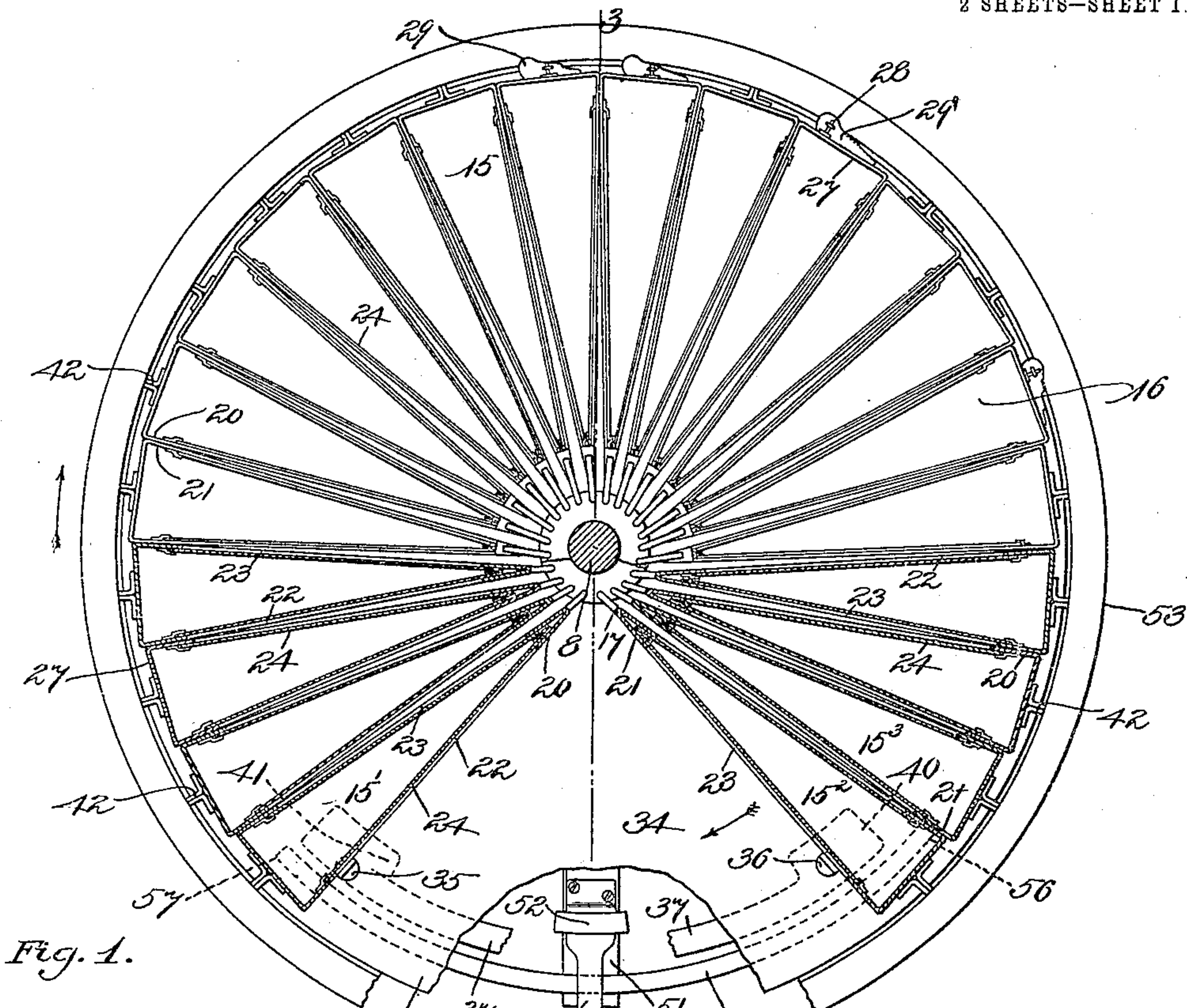
No. 801,133.

PATENTED OCT. 3, 1905.

A. N. BERGERON.
DISPLAY STAND.

APPLICATION FILED NOV. 5, 1904.

2 SHEETS—SHEET 1.



Witnesses:

Franklin E. Low.
Sydney C. Taft.

Fig. 2.

Inventor:

Alfred N. Bergeron.

By his atty.

Charles S. Gooding.

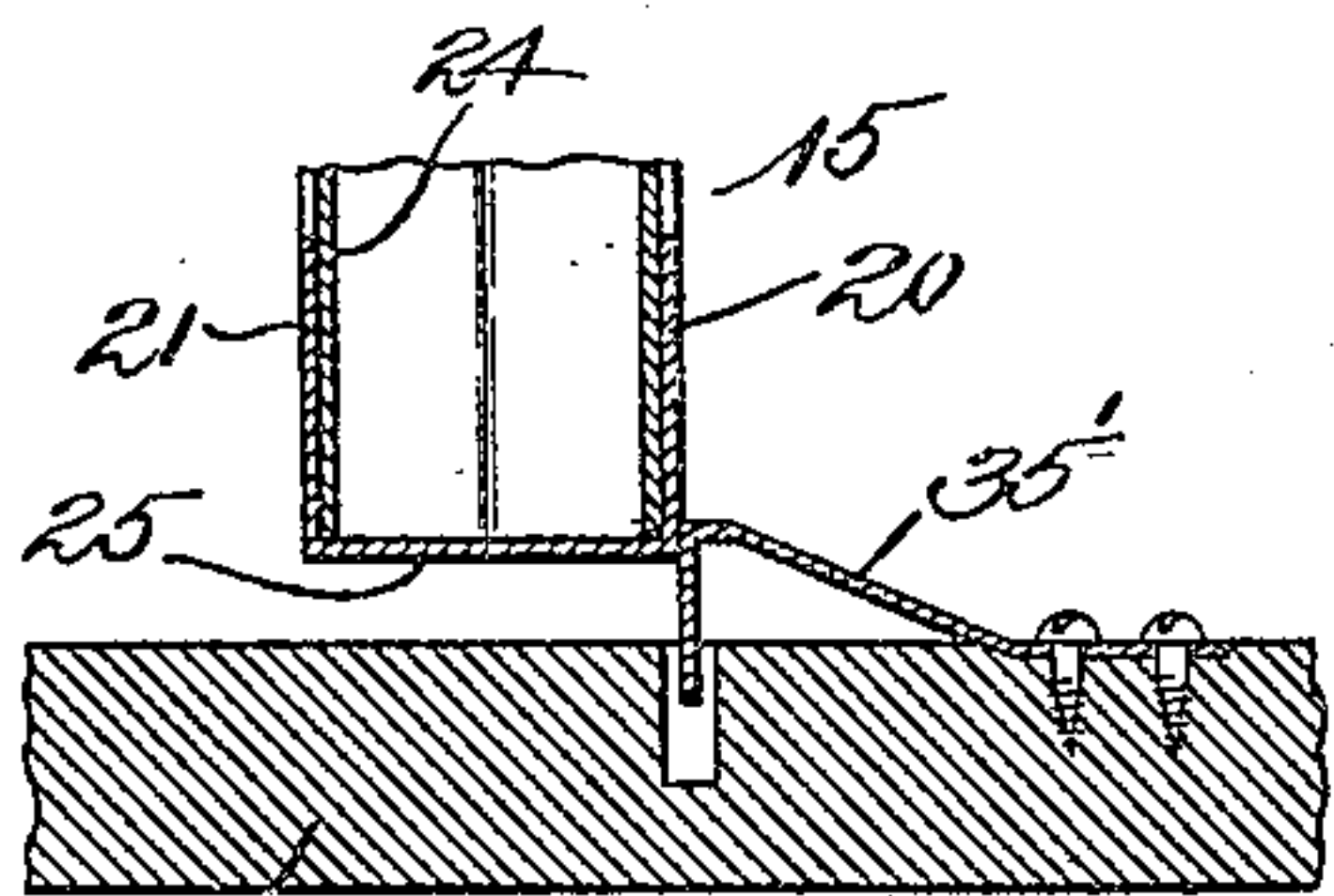
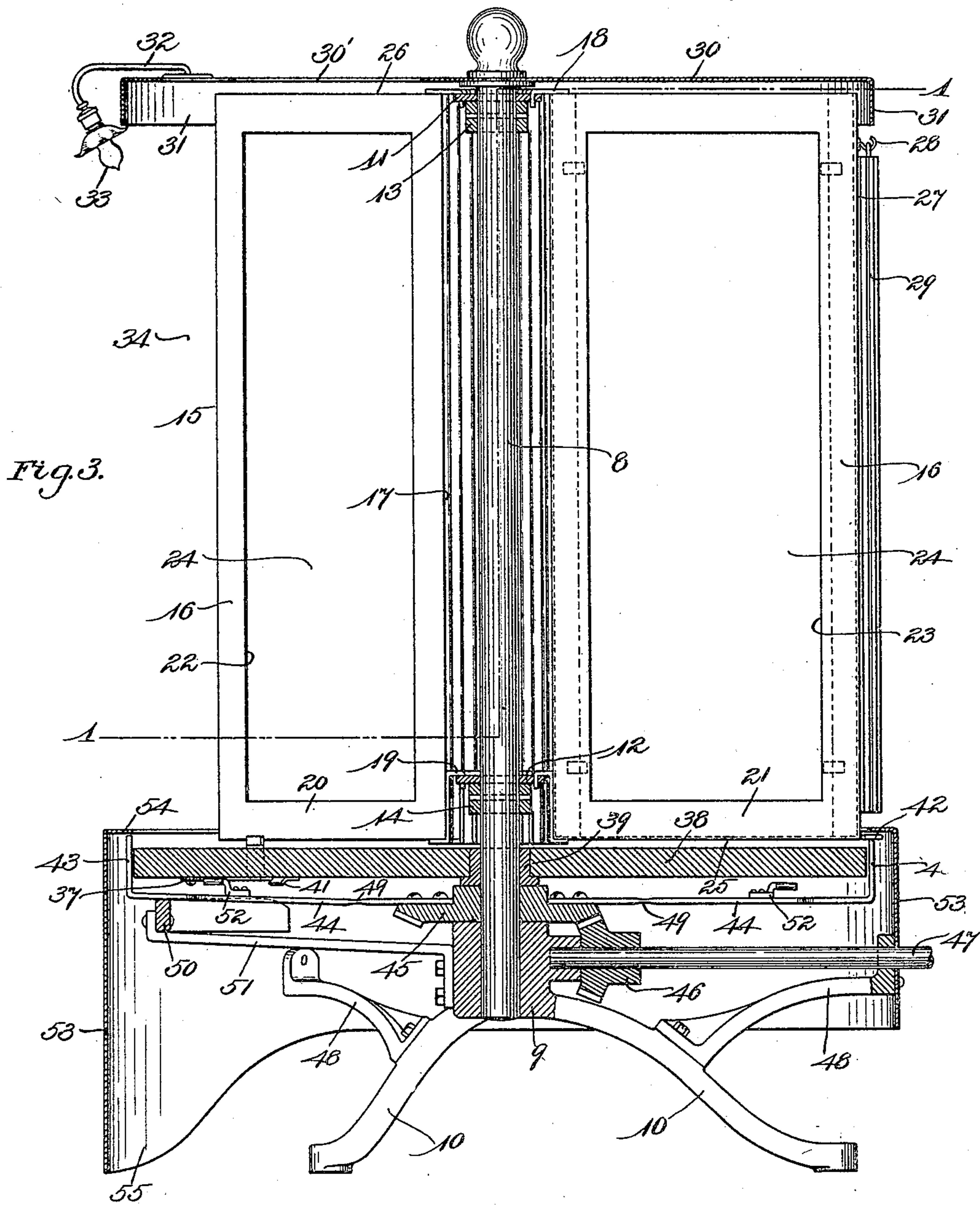
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2 SHEETS—SHEET 2.



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Franklin E. Low

Sydney C. Taft

Inventor:

Alfred N. Bergeron

Fig. 4

by his atty.

Paul S. Fording

UNITED STATES PATENT OFFICE.

ALFRED N. BERGERON, OF LYNN, MASSACHUSETTS.

DISPLAY-STAND.

No. 801,133.

Specification of Letters Patent.

Patented Oct. 3, 1905.

Application filed November 5, 1904. Serial No. 231,513.

To all whom it may concern:

Be it known that I, ALFRED N. BERGERON, a citizen of the United States, residing at Lynn, in the county of Essex and State of Massachusetts, have invented new and useful Improvements in Display-Stands, of which the following is a specification.

This invention relates to an improved advertising display-stand, and is particularly adapted for displaying different styles of wall-paper and the picture-molding therefor.

The object of the invention is to provide a device in which different samples of wall-paper are automatically displayed to the view of the observer, said device being so constructed that the samples of wall-paper may be easily taken out and replaced by fresh samples.

The invention has further for its object to provide a device of the character hereinbefore set forth in which samples of picture-molding are conveniently displayed adjacent to the wall-paper with which said picture-molding is designed to be combined.

The invention consists in the combination and arrangement of parts set forth in the following specification, and particularly pointed out in the claims thereof.

Referring to the drawings, Figure 1 is a plan, partly in section, on line 1 1 of Fig. 3, the same being partly broken away for the purpose of more clearly illustrating the device. Fig. 2 is a front elevation of the lower portion of said device, the same being broken away for the purpose of illustration. Fig. 3 is a section, partly in elevation, taken on line 3 3 of Fig. 1, looking toward the left in said figure. Fig. 4 is vertical section in detail of a modified form of locking device for the pivoted holders.

Like numerals refer to like parts throughout the several views of the drawings.

In the drawings, 8 is a cylindrical standard, fast to a base 9, supported upon legs 10 10. Two disks 11 and 12 are journaled to rotate upon the standard 8 and are held in position thereon by collars 13 and 14. A series of holders 15 for the sheets of wall-paper are provided, each of said holders consisting of a hollow frame 16, triangular in cross-section, and pivotally supported at the apex 17 of said triangle upon the disks or holders 11 and 12 by hooked arms 18 and 19, fast to the top and bottom, respectively, of said hollow frames. The opposite sides 20 and 21 of each of the triangular hollow frames 16 are provided with openings 22 and 23, respectively, through

which sheets of wall-paper 24, preferably pasted upon cards, may be seen by standing in front of the device.

Each of the holders 15 has a closed base 25 and an open top 26, so that the sheets of wall-paper may be conveniently placed in the interior of said holders and quickly changed for new samples when desired. The side 27 of the holder 15 opposite the apex 17 is provided with a hook 28, upon which may be conveniently hung samples of picture-molding 29. A cover 30 extends over the top of the holders 15, having a vertical flange 31 extending therearound and provided with an opening 30', through which the samples of wall-paper may be introduced into the interior of the holders 15. To said cover is attached an electric-light bracket 32, supporting an incandescent lamp 33, adapted to throw light upon the sheets of wall-paper exposed to view.

The holders 15 are of such number and size as to leave a space 34 between the first and last holders 15' and 15², respectively, of said series of holders, so that a person standing in front of the device sees the wall-paper in the holder 15' through the opening 22 and in the holder 15² through the opening 23. The holder 15' is held in position against rotation by a locking-pin 35, and the holder 15² is held in position against rotation by a locking-pin 36. Said locking-pins are fast to a flat spring-plate 37, which is fastened at the central portion thereof to a stationary table 38, which in turn is fastened to a sleeve 39, fast to the standard 8. The opposite ends 40 and 41 of the flat spring-plate 37 are bent downwardly for a purpose hereinafter described.

Each of the holders 15 is provided with a projection 42, which is adapted to be engaged, as hereinafter described, by fingers 43 43, extending upwardly from arms 44 44, said arms being fastened to a bevel-gear 45, journaled to rotate loosely upon the standard 8 and meshing into a bevel-gear 46, fast to a horizontal shaft 47, journaled to rotate in bearings formed in the base 9 and in a bracket 48, fast to one of the legs 10. The arms 44 are reduced in thickness at 49 in order that the same may be sprung easily to raise the finger 43 during the rotation of said arm until it engages the projection 42 upon one of the holders 15. Said arm is raised for the purpose hereinbefore set forth by a cam-plate 50, fast to a bracket 51, said bracket being fastened to the base 9. Upon each of the arms 44 is provided an angle-bracket 52, which as said

arms rotate successively comes in contact with the depressed portions upon the ends 40 and 41 upon the flat spring-plate 37 and draws said ends down, pulling the pins 35 and 36 downwardly for the purpose hereinbefore described.

A cylindrical base-plate 53 encircles the mechanism hereinbefore described located beneath the holders 15 and has a horizontal flange 54, which projects inwardly therefrom above the arms 44. Said base-plate is also curved downwardly at 55 to make space for advertising matter.

The general operation of my improved display-stand is as follows: Assuming the parts to be in the position illustrated in Figs. 1 and 3, upon rotation of the shaft 47 and gears 46 and 45 the arms 44 will be rotated until the bracket 52 passes beneath the end 40 of the flat spring-plate 37, depressing said end and lowering the locking-pin 36. Immediately following the lowering of the locking-pin 36 the finger 43 upon the outer end of the arm 44 is raised by said arm riding upwardly on the incline 56 of the cam-plate 50 until the outer end of said finger engages the projection 42 upon the holder 15². As said arm 44 continues to rotate in the direction of the arrow, Fig. 1, the holder 15² will be rotated, with said arm, until the side 21 thereof contacts with the side 20 of the holder 15¹. Just previous to this contact of the holders 15² and 15¹ with each other the locking-pin 35 is depressed by the angle-bracket 52 engaging the depressed end 41 of the plate 37, so that the holder 15² passes by the upper end of said locking-pin 35, and upon a further rotation of the arm pushes the holder 15¹, together with the entire series of holders, in the direction of the arrow, Fig. 1, rotating the same about the standard 8 until the holder 15² occupies the position shown in the drawings as occupied by the holder 15¹ and the holder 15³ occupies the position previously occupied by the holder 15². It will be seen that as soon as the angle-bracket 52 disengages the end 40 of the spring-plate 37 said spring-plate will force the locking-pin 36 upwardly to engage the holder 15³ when moved forward to the position previously occupied by the holder 15², as hereinbefore described, and as the angle-bracket 52 passes beyond the end 41 of said spring-plate 37 the locking-pin 35 will be forced upwardly to hold the plate 15² in its new position. It will also be understood that when said holder 15² has been moved to the position previously occupied by the holder 15¹ the outer end of the arm 44 will ride downwardly upon the incline 57 and the finger 43 will be disengaged from the projection 42.

It will be evident that as there are two arms 44 the rotation of the holders hereinbefore described will occur twice for each rotation

of the gear 45, and it is evident that the number of arms may be increased, if desired. The table 38 and the base-plate 53 serve to entirely hide the mechanism by means of which the holders are rotated, thus presenting a neat appearance and also exciting the curiosity of the observer.

In Fig. 4 a modified form of lock for the holders is illustrated, said lock consisting of a flat spring 35', fastened to a table 38' and engaging the lower end of a holder 15. It is obvious that said flat spring-lock 35' may be utilized instead of the locking-pin 35.

Having thus described my invention, what I claim, and desire by Letters Patent to secure, is—

1. In a display-stand, a holder for sheet material consisting of a hollow frame triangular in cross-section pivotally supported adjacent to the apex of said triangle, two opposite sides of said frame provided with openings therein.

2. In a display-stand, a holder for sheet material consisting of a hollow frame triangular in cross-section pivotally supported adjacent to the apex of said triangle, said holder having a closed base and an open top.

3. In a display-stand, a holder for sheet material consisting of a hollow frame triangular in cross-section pivotally supported adjacent to the apex of said triangle, and means to attach articles of merchandise to the side of said holder located opposite to said apex.

4. In a device for displaying wall-paper and the like, a hollow frame triangular in cross-section adapted to receive two sheets of said paper, the two opposite sides of said frame provided with openings through which said wall-paper may be seen, said frame pivotally supported adjacent to the apex of said triangle, and means to attach a molding to the outside of said frame opposite said apex.

5. A display-stand comprising in its construction a standard, a support journaled to rotate upon said standard, and a series of holders for sheet material, each consisting of a hollow frame triangular in cross-section, each of said holders pivoted adjacent to the apex of its respective triangle upon said support.

6. A display-stand comprising in its construction a standard, a support journaled to rotate upon said standard, and a series of holders for sheet material, each consisting of a hollow frame triangular in cross-section, each of said holders pivoted adjacent to the apex of its respective triangle upon said support, said holders when arranged with their opposite sides touching the holders adjacent thereto being of such number and size as to leave a space between the first and last holders of said series, whereby one side of each of said first and last holders may be seen from outside said stand.

7. A display-stand comprising in its con-

struction, a standard, a support journaled to rotate upon said standard, a series of holders for sheet material each consisting of a hollow frame, triangular in cross-section, each of said
 5 holders pivoted adjacent to the apex of its respective triangle upon said support, said holders when arranged with their opposite sides touching the holders adjacent thereto being of such number and size as to leave a
 10 space between the first and last holders of said series, whereby one side of each of said first and last holders may be seen from outside said stand, and means to lock said first and last holders respectively against rotation.

15 8. A display-stand comprising in its construction a standard, a support journaled to rotate upon said standard, a series of holders for sheet material, each consisting of a hollow frame triangular in cross-section, each of said
 20 holders pivoted at the apex of its respective triangle upon said support, said holders when arranged with their opposite sides touching the holders adjacent thereto being of such number and size as to leave a space between the first
 25 and last holders of said series, whereby one side of each of said first and last holders may be seen from outside said stand, mechanism to rotate the entire series of said holders, and means to lock said first and last holders respec-
 30 tively against rotation.

9. A display-stand comprising in its construction a standard, a support journaled to rotate upon said standard, and a series of holders for sheet material pivoted to said support,
 35 locking-pins adapted to engage the first and last of said series of holders and hold them against rotation, a rotary arm, and means attached thereto to disengage said locking-pins from said first and last holders, and means to

connect said arm, during a portion of its rotation, to one of said holders. 40

10. A display-stand comprising in its construction a standard, a support journaled to rotate upon said standard, and a series of holders for sheet material pivoted to said support,
 45 locking-pins adapted to engage the first and last of said series of holders and hold them against rotation, a spring-arm journaled to rotate upon said standard, a finger fast to said arm, means attached to said arm to disengage
 50 said locking-pins from said first and last holders, and means to raise and lower said arm and connect and disconnect, respectively, said finger, during a portion of its rotation, to and
 55 from one of said holders.

11. A display-stand comprising in its construction a standard, a support journaled to rotate upon said standard, and a series of holders for sheet material pivoted to said support,
 locking-pins adapted to engage the first and
 60 last of said series of holders and hold them against rotation, spring-plates to which each of said locking-pins are attached, a spring-arm journaled to rotate upon said standard, a
 65 finger fast to said arm, means attached to said arm adapted to engage said spring-plates and disengage said locking-pins from said first and last holders, and means to raise and lower said
 arm and connect and disconnect, respectively, said finger, during a portion of its rotation, 70
 to and from one of said holders.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

ALFRED N. BERGERON.

Witnesses:

CHARLES S. GOODING,
 ANNIE J. DAILEY.