

No. 627,068.

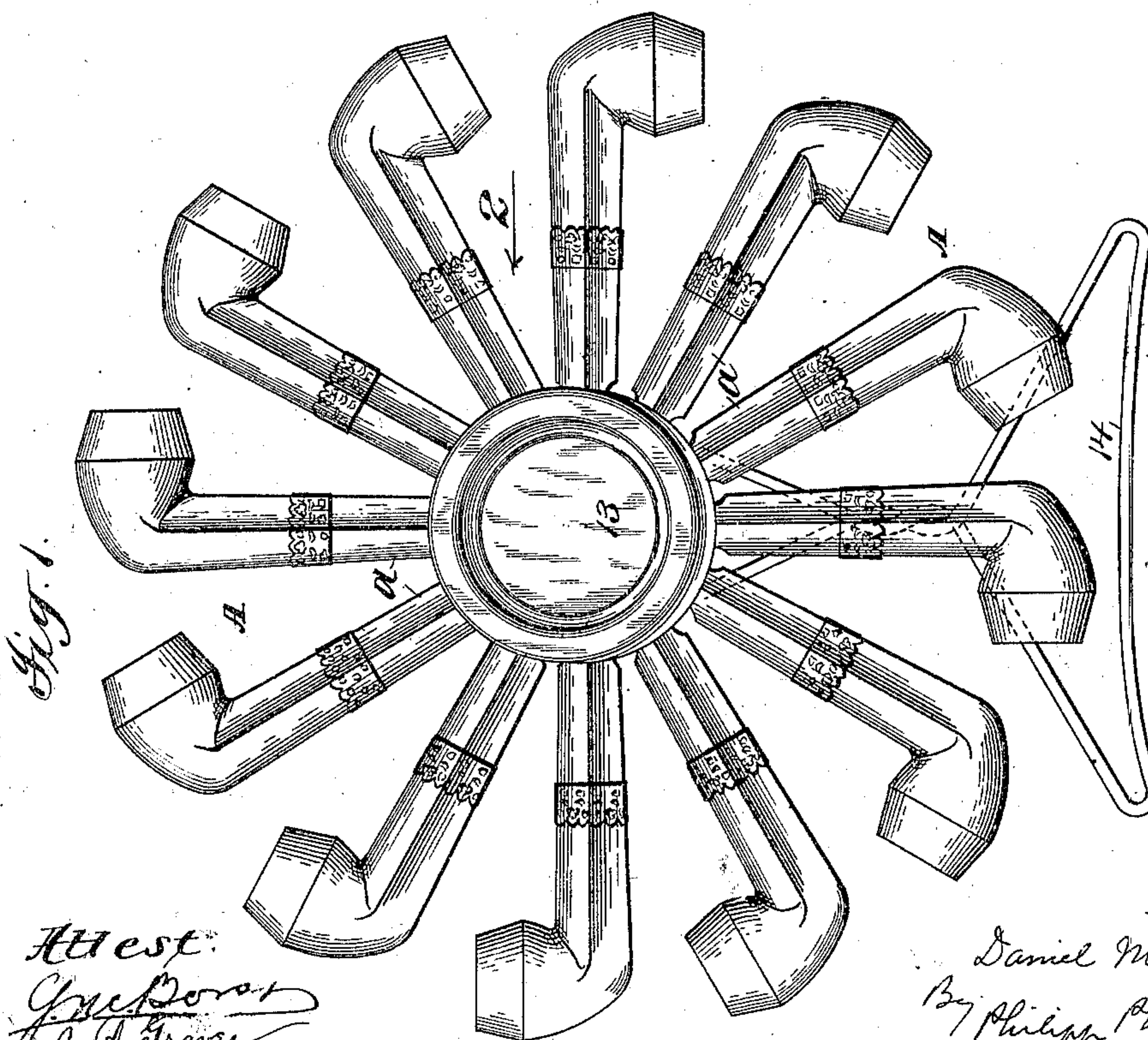
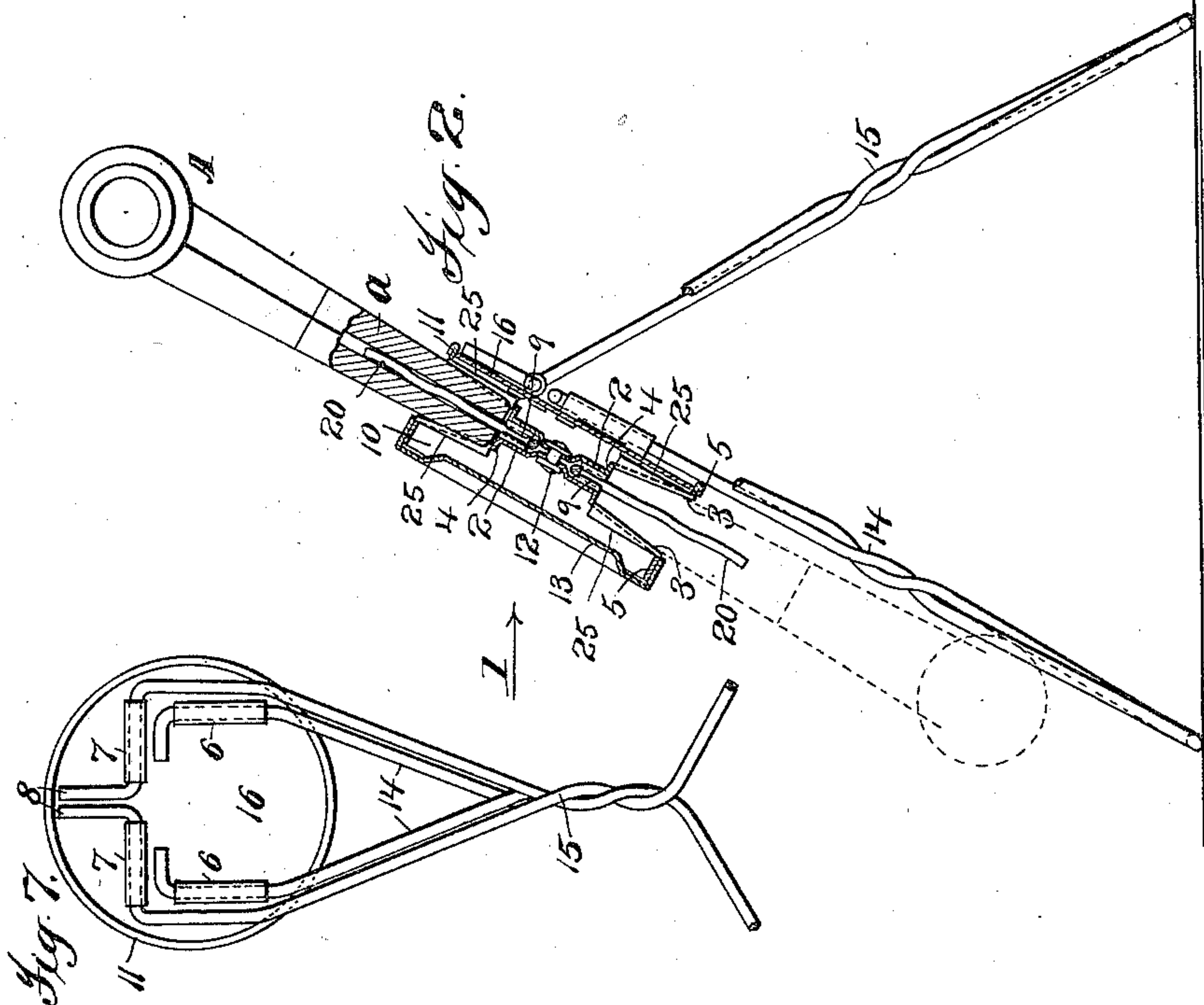
Patented June 13, 1899.

D. M. SOMERS.
TOBACCO PIPE HOLDER.

(Application filed Sept. 1, 1898.)

(No Model.)

2 Sheets—Sheet 1.



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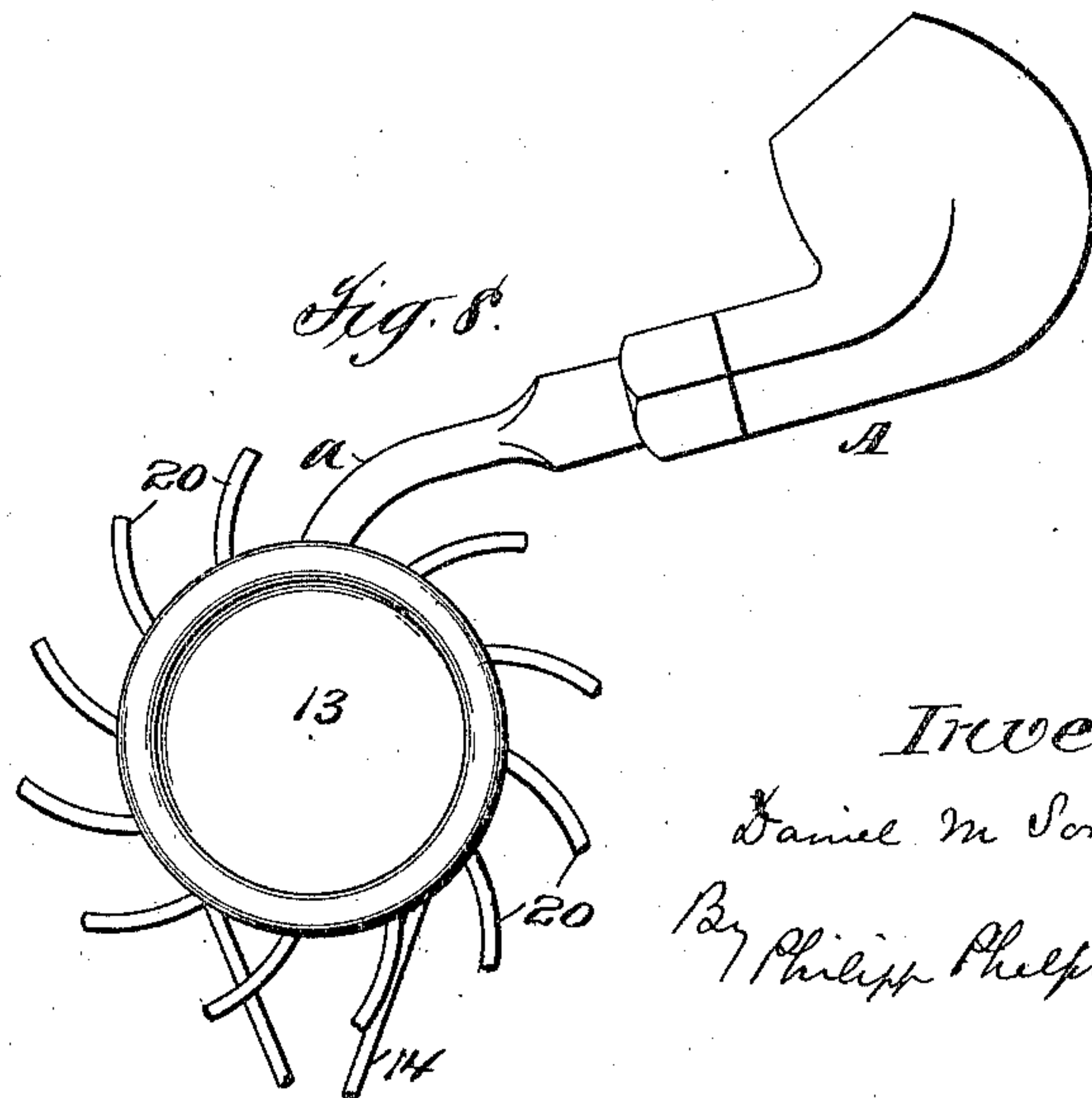
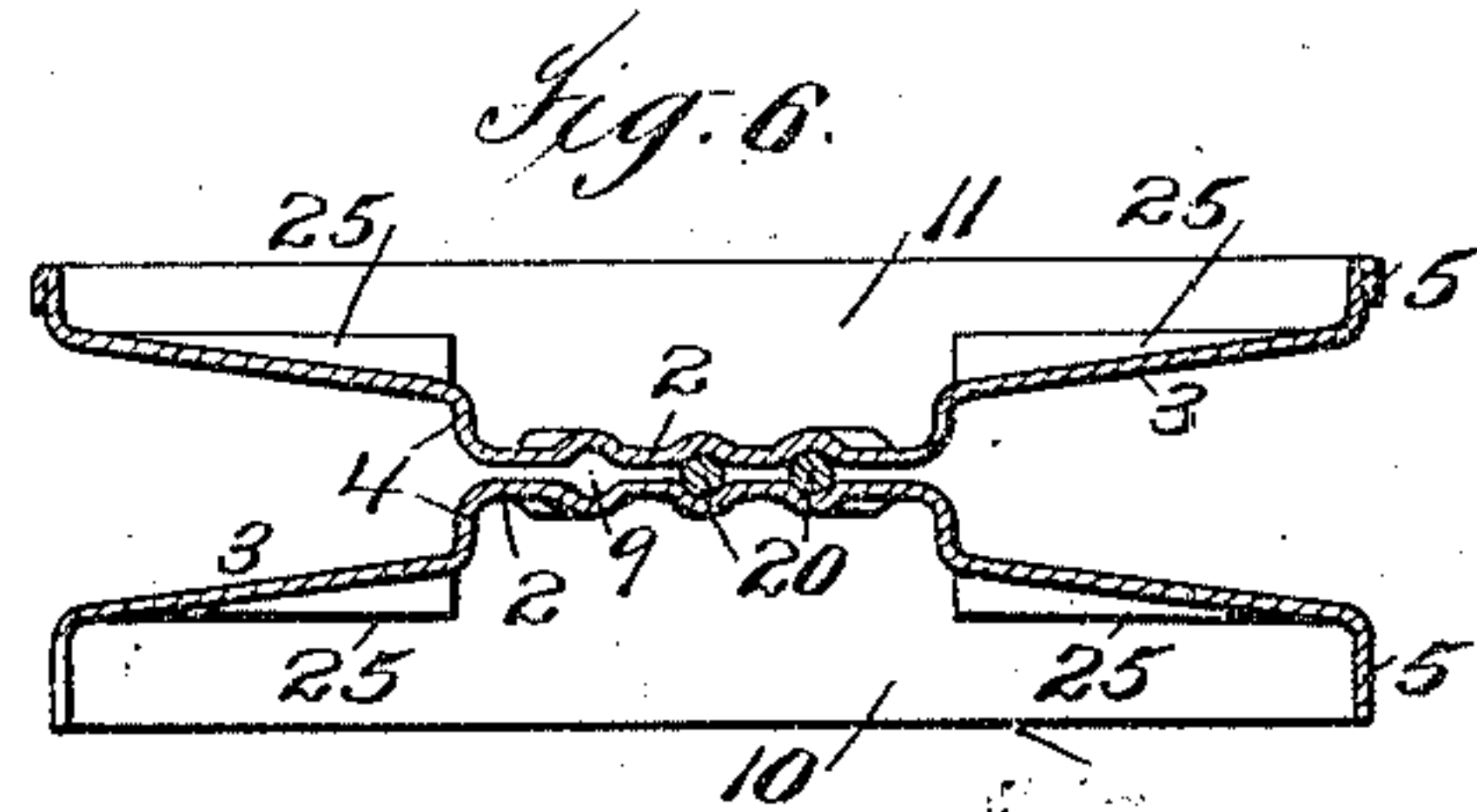
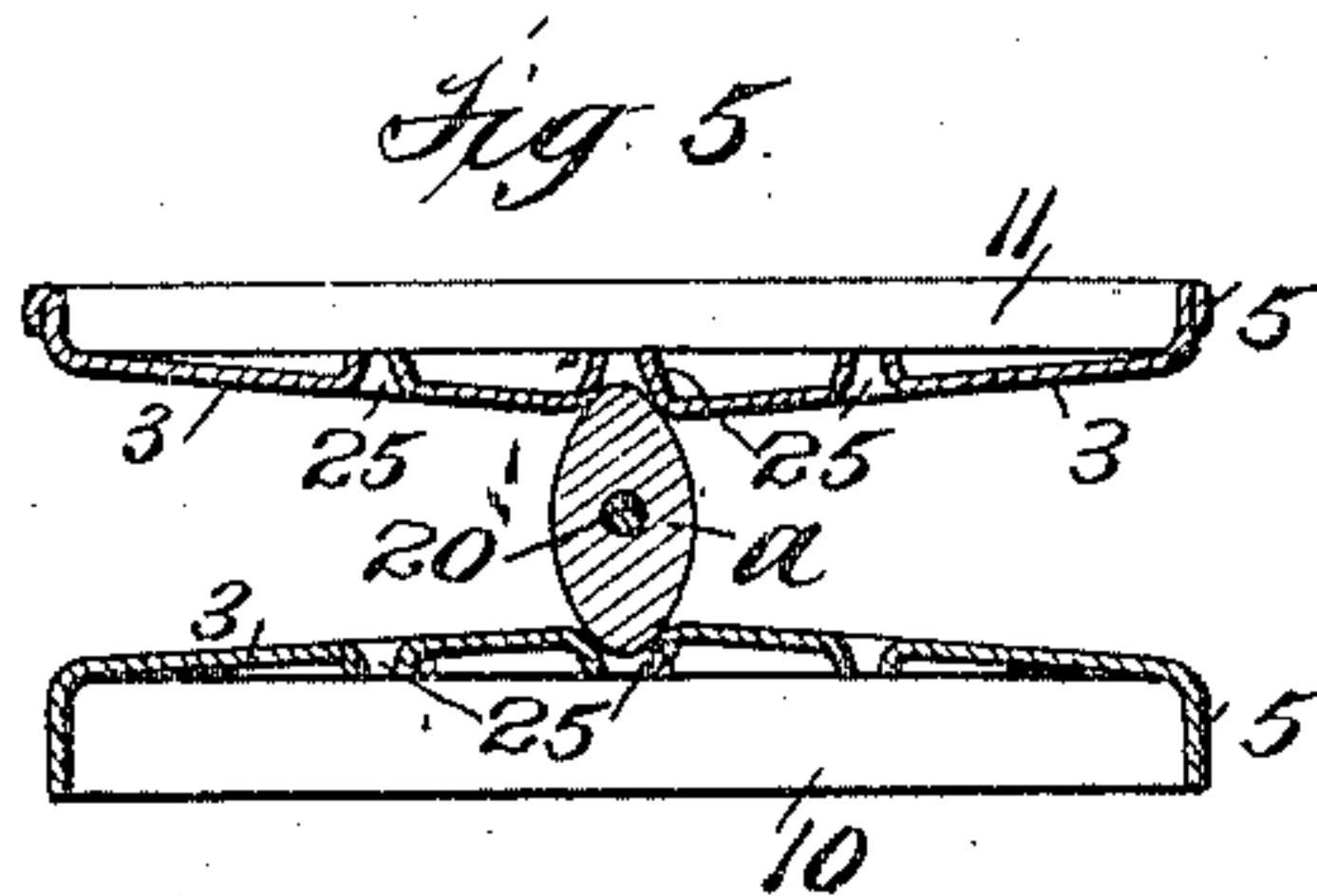
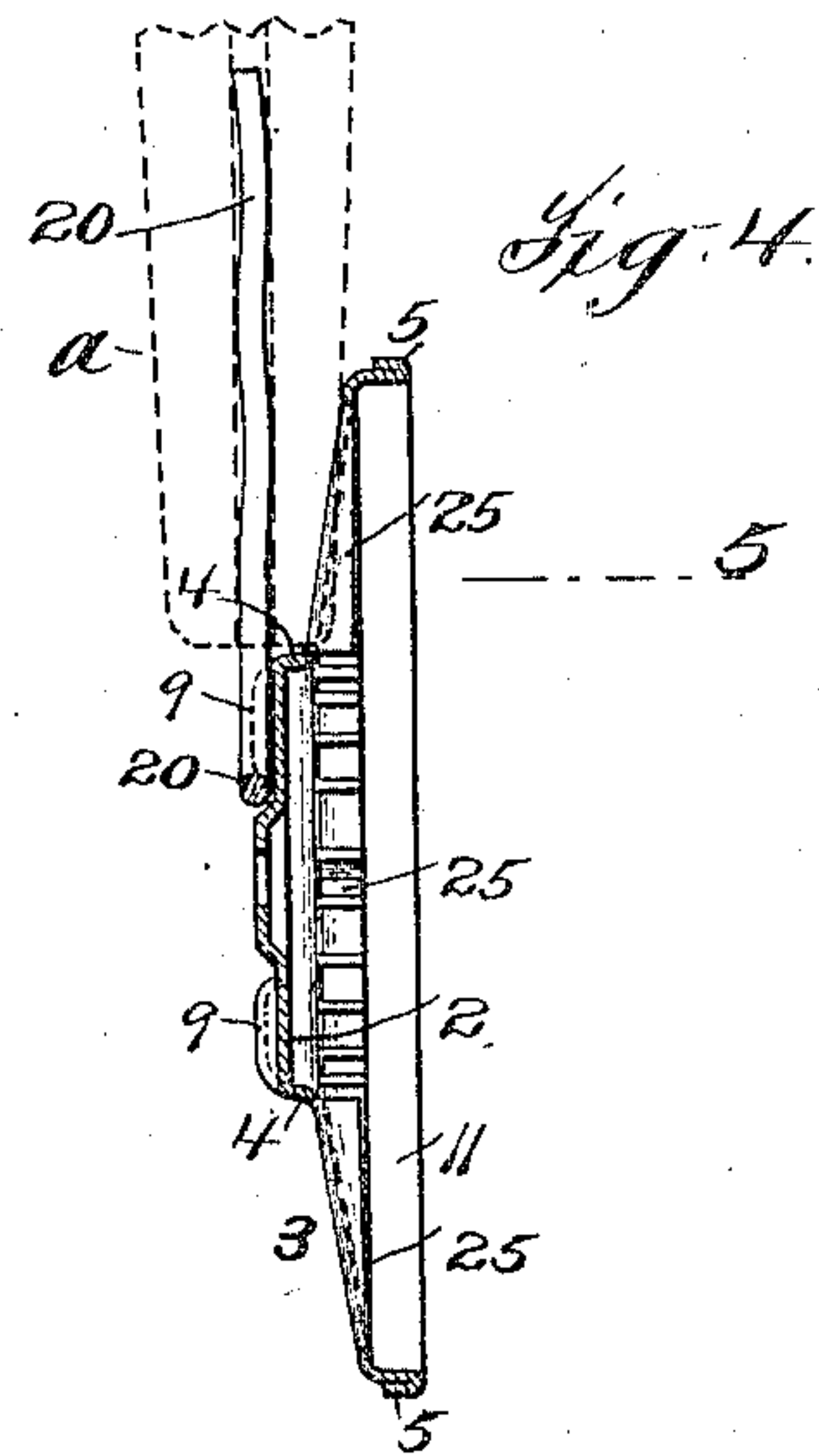
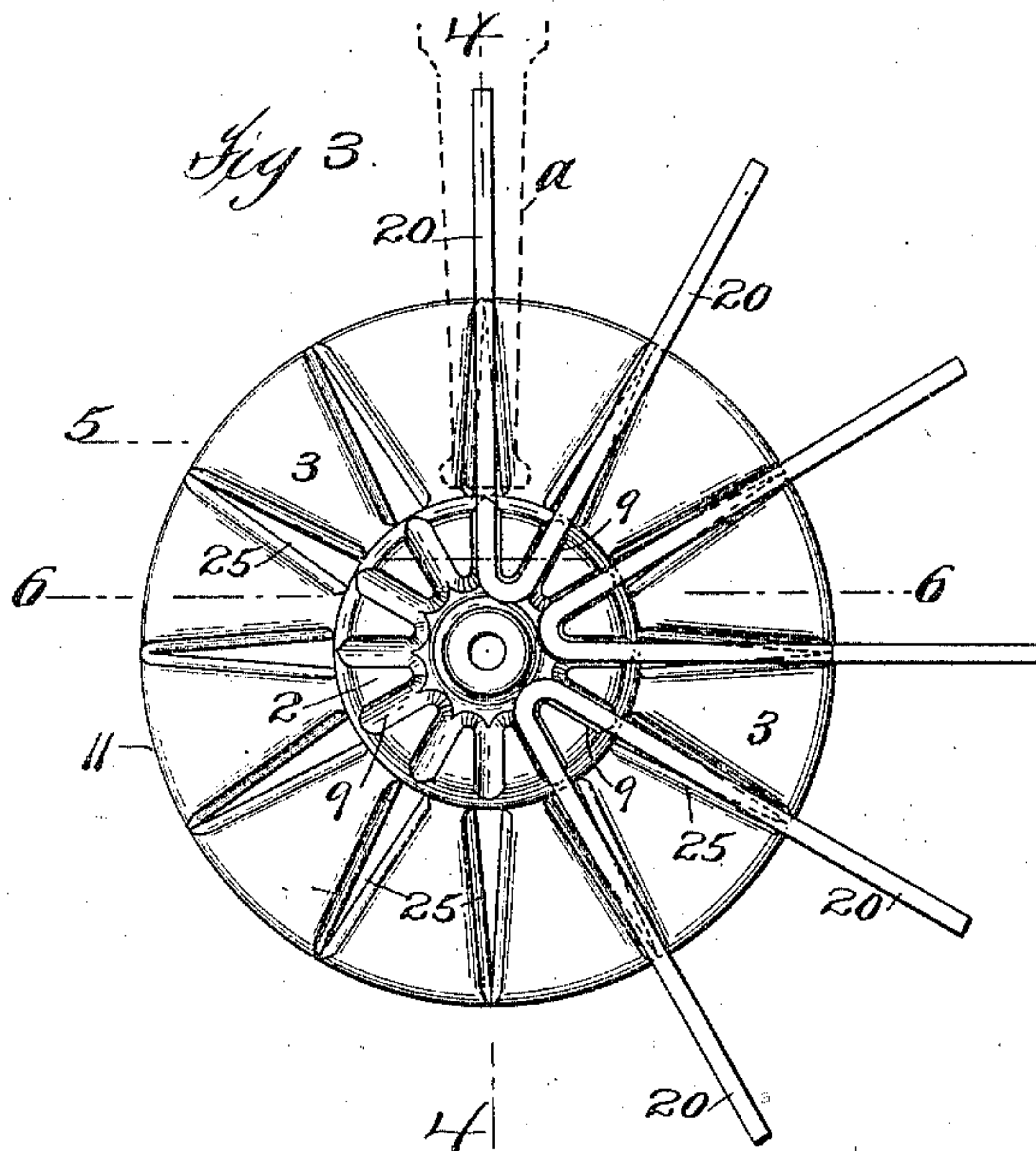
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(No Model.)

2 Sheets—Sheet 2.



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UNITED STATES PATENT OFFICE.

DANIEL M. SOMERS, OF NEW YORK, N. Y., ASSIGNOR TO HIMSELF, JOSEPH L. SOMERS, GUY A. SOMERS, WILLIAM H. ATKINSON, AND ELMER E. SOMERS, OF SAME PLACE.

TOBACCO-PIPE HOLDER.

SPECIFICATION forming part of Letters Patent No. 627,068, dated June 13, 1899.

Application filed September 1, 1898. Serial No. 690,004. (No model.)

To all whom it may concern:

Be it known that I, DANIEL M. SOMERS, a citizen of the United States, residing at New York city, county of Kings, and State of New York, have invented certain new and useful Improvements in Tobacco-Pipe Holders, fully described and represented in the following specification and the accompanying drawings, forming a part of the same.

10 This invention relates to display holders or racks for tobacco-pipes.

The invention aims to provide an improved holder of cheap, convenient, and durable construction, whereby the pipes will be securely supported and held in the desired position for displaying them by means engaging the stems or mouthpieces of the pipes, and especially to provide for so supporting pipes arranged radially and so as to form a complete circle of pipes.

15 To these ends the invention consists of various features of construction and arrangement and combinations of parts, all as will be fully described and afterward specifically pointed out in the claims.

25 As a full understanding of the invention can best be given by a detailed description of a preferred construction embodying the various features of the invention, such a description will now be given in connection with the accompanying drawings showing such a construction.

30 In said drawings, Figure 1 is a front view, looking in the direction of the arrow 1 of Fig. 2, of a pipe holder or rack constructed in accordance with the invention and of the pipes supported thereby. Fig. 2 is a central vertical section looking in the direction of the arrow 2 of Fig. 1. Fig. 3 is a face view, on a larger scale, of the inner face of the disk forming the rear part of the body portion of the holder and showing some of the supporting-pins which extend into the pipe-stem. Fig. 4 is a section on line 4 of Fig. 3. Fig. 5 is a section on line 5 of Figs. 3 and 4. Fig. 6 is a section on line 6 of Fig. 3. Fig. 7 is a detail view showing the means for securing the standards or supports to the body portion of the holder; and Fig. 8 is a front view, with

the standards or supports broken away, of a holder for curved-stem pipes.

Referring to the drawings, and first to Figs. 1 to 7, the body portion of the rack is formed in the preferred construction shown of two similar dished disks 10 11 struck up from sheet metal and secured together, with their convex faces facing each other, as by a central pin or rivet 12. Each of the disks is formed with a central projecting portion 2, with a flaring portion 3 around the central portion 2 and connected thereto preferably by a flange 4 and with an outer flange 5. The edge of the flange 5 of the rear disk 11 is preferably turned to form a beaded edge, as shown. The outer flange 5 of the front disk 10 receives and supports the flange of a cap 13, which is preferably provided to form a finish for the front disk and to provide a surface which may be suitably lettered or decorated. The rack is supported in the preferred construction shown by standards or legs 14 15, formed, preferably, of wire bent to suitable form and secured to a metal plate or disk 16, which is soldered or otherwise secured to the rear disk 11 inside its flange 5. The supporting-leg 14 is secured rigidly to the disk 16, as by collars 6, and the other leg 15 is pivotally secured by similar collars 7, which extend about horizontal portions of the wire forming the leg. Beyond the portions inclosed by the collars 7 the ends of the wire forming the leg 15 are bent to form suitable stops 8 to prevent the leg 15 moving outward beyond the position shown in Fig. 2.

Extending from between the central portions 2 of the disks 10 and 11 are a series of pipe-supporting pins 20, which extend into the draft-passages in the stems or mouthpieces *a* of the pipes A. The portions 2 of the disks are preferably formed with grooves 9 to receive the inner ends of these supporting-pins 20, so as to hold the pins more securely in position between these parts. The pins 20 are preferably formed, as shown in Fig. 3, from lengths of wire or rods which are bent so that the two ends of a bent rod will form adjacent pins, the portions 2 being recessed to receive the bent connecting parts

of the rods. The pins thus formed, in addition to being held in place by the pressure of the portions 2 of the disks 10 11, are preferably further secured by soldering them to the portion 2 of one of the disks.

Pipes supported by the downward-extending pins 20 would tend to drop from the pins. To prevent this, I make the pins of such form that they will act as spring-pins and bear on the walls of the draft-passages of the mouthpieces of the pipes, so as to prevent the pipes from being too readily removed therefrom. For this purpose I preferably form the pins of a slightly-serpentine form, as shown best in Figs. 2 and 4, and a holder having pins of such serpentine form constitutes a feature of the invention. It will be understood, however, that spring-pins of other forms may be used. The use of such spring-pins, which bear upon the walls of the draft-passage of the pipe, not only prevents the pipes on the downwardly-extending pins from dropping from the rack, but acts to hold the pipes on all the pins from turning thereon.

As a further means for preventing the pipes turning on the pins, and also for preventing the pipes on the downwardly-extending pins from falling from the rack, I provide grooves 25, the walls of which engage the edges of the mouthpieces or stems of the pipes. I preferably form these grooves by forming the shoulders 4 of the disks 10 and 11 of such depth that the distance between the inner portions of the flaring portions 3 of the disks will be less than the width of the mouthpieces of the pipes to be supported, and by forming the grooves 25 in these flaring portions 3 and on lines corresponding to the pins 20, so that when the pipe-stems are forced onto the pins the edges of the stems will be engaged by the walls of these grooves and the pipes thus guided into proper position on the pins and further prevented from turning on the pins or falling from the rack. In the construction shown in Fig. 8 the pins 20 are curved to receive the stems of curved-stem pipes. In this case instead of making the pins of the serpentine form shown in Figs. 2 and 4 they are preferably formed to a curve slightly different from that of the pipe-stem to cause them to act as spring-pins and bind upon the walls of the draft-passages of the pipe-stems.

It will be seen that by my invention I provide a display holder or rack which while possessing advantages in manner of supporting the pipes and in convenience of use is of cheap and yet strong and durable construction, and in this connection it will be noticed that the front and rear disks 10 and 11 are counterparts of each other, except that the edge of the flange 5 of the disk 11 is turned to give a finish to its edge.

Being of compact construction and holding the pipes very securely the holder is well adapted for packing pipes for transportation

in position ready to be displayed, in case it be desired to do this.

It will be understood that I am not to be limited to the exact preferred construction shown for the purpose of illustrating the invention, but that the invention includes such changes and modifications thereof as come within its scope.

What is claimed is—

1. A holder for tobacco-pipes having a spring-support to extend into the draft-passage of the pipe-stem and bear on the wall thereof, substantially as described. 75
2. A holder for tobacco-pipes having a spring supporting-pin of serpentine form to extend into the draft-passage of the pipe-stem and bear on the wall thereof, substantially as described. 80
3. A holder for tobacco-pipes having a spring-support to extend into the draft-passage of the pipe-stem and bear on the wall thereof, and having a groove to engage the stem on the outside, substantially as described. 85 90
4. A holder for tobacco-pipes having a supporting-pin to extend into the draft-passage of the pipe-stem and having a groove to engage the stem on the outside, substantially as described. 95
5. A holder for tobacco-pipes having a circle of spring-supports to extend into the draft-passages of the pipe-stems and bear on the walls thereof, substantially as described. 100
6. A holder for tobacco-pipes having a circle of radially-arranged grooves adapted to receive the ends of the pipe-stems to hold the stems against turning and to support the pipes depending therefrom against the action of gravity, substantially as described. 105
7. A holder for tobacco-pipes having a circle of radially-arranged grooves adapted to receive the ends of the pipe-stems, and a circle of radially-arranged spring-supports to extend into the draft-passages of the pipe-stems and bear on the walls thereof, substantially as described. 110
8. A holder for tobacco-pipes having a circle of radially-arranged supports adapted to extend into the draft-passages of the pipe-stems, and having bearing-surfaces to engage the pipe-stems on opposite sides of the supports, the supports and bearing-surfaces acting to hold the pipe-stems in position and to support the pipes depending therefrom against the action of gravity, substantially as described. 115 120
9. A holder for tobacco-pipes comprising two dished disks arranged with their convex faces toward each other and having such opposed faces formed with corresponding circles of radially-arranged grooves to engage the stems of the pipes, and a circle of radially-arranged spring-supports between the disks to extend into the draft-passages of the pipe-stems and bear on the walls thereof, substantially as described. 125 130

10. A holder for tobacco-pipes comprising two dished disks arranged with their convex faces toward each other and having such opposed faces formed with corresponding circles of radially-arranged grooves to engage the pipe-stems to hold said stems against turning and to support the pipes depending therefrom against the action of gravity, substantially as described.

11. A holder for tobacco-pipes comprising a body portion having opposed faces formed with corresponding series of grooves to engage the stems of the pipes, and a series of supporting-pins between said opposed faces of the body portion of the holder to extend into the draft-passages of the pipe-stems, substantially as described.

12. A holder for tobacco-pipes comprising the dished disks 10 and 11 secured together centrally with their convex faces toward each other and formed with the flaring portions 3 and with the corresponding circles of grooves 25 in said flaring portions, and a circle of spring supporting-pins 20 secured between the central portions of said disks and extending outward between the grooved portions 3 of said disks, substantially as described.

13. A holder for tobacco-pipes comprising

a series of radially-arranged pipe-supporting pins formed from rods bent so that each end of a rod will form a pin, and opposed plates having central portions to engage the inner or bent portions of said rods and one or both of said plates being grooved to receive said bent portions of the rods and said plates having portions beyond said central portions and connected thereto by shoulders 4, substantially as described.

14. A holder for tobacco-pipes comprising the dished disks 10 and 11, the supporting-pins 20 between said disks, the plate 16 secured to the disk 11, and the standard 14 and the pivoted standard 15 secured to the plate 16, substantially as described.

15. A holder for tobacco-pipes comprising the dished disks 10 and 11, the supporting-pins 20 between said disks, the cap 13 on the disk 10, and means for supporting the holder, substantially as described.

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

DANIEL M. SOMERS.

Witness

T. F. KEHOE,
G. M. BORST.