

No. 706,538.

Patented Aug. 12, 1902.

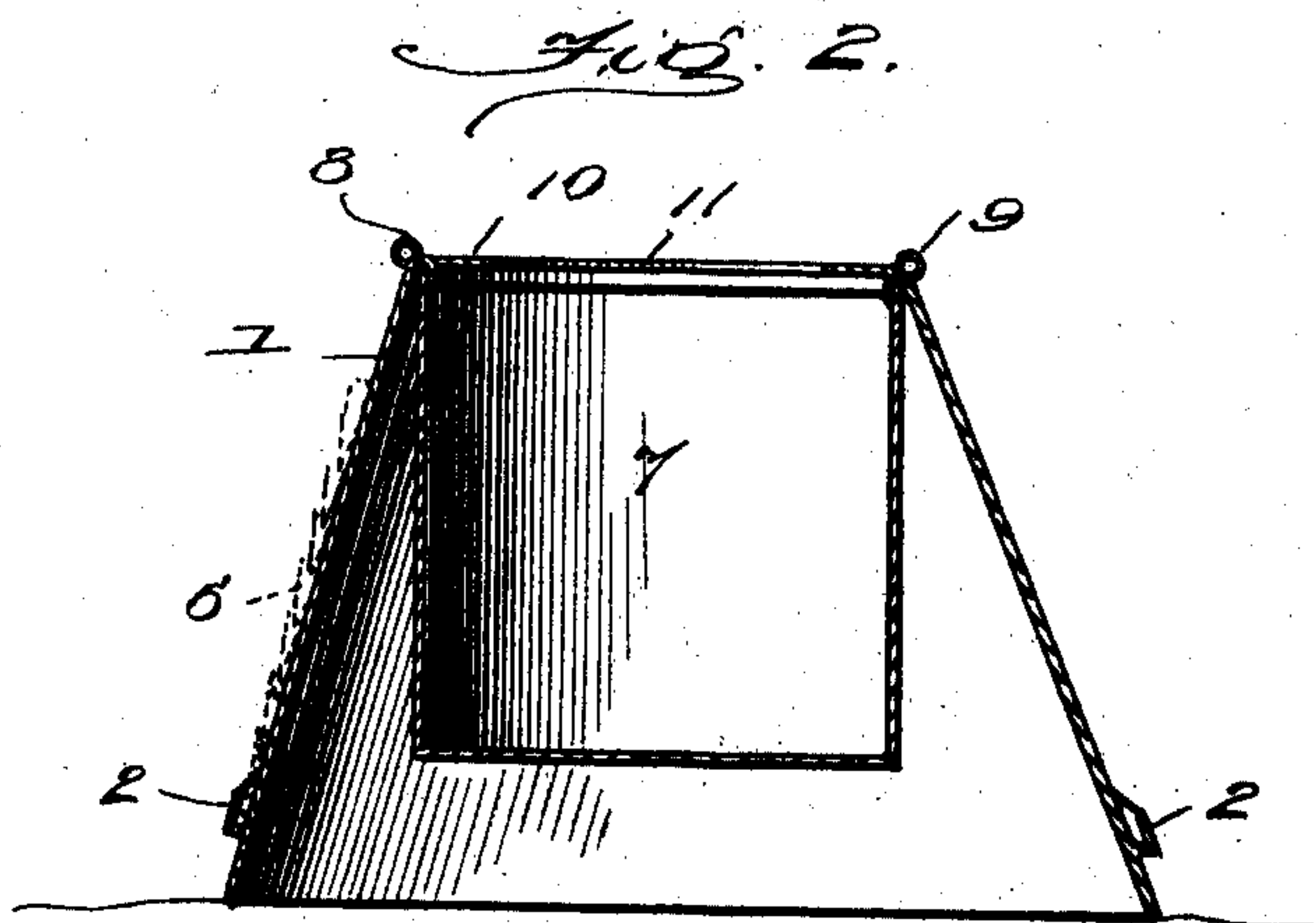
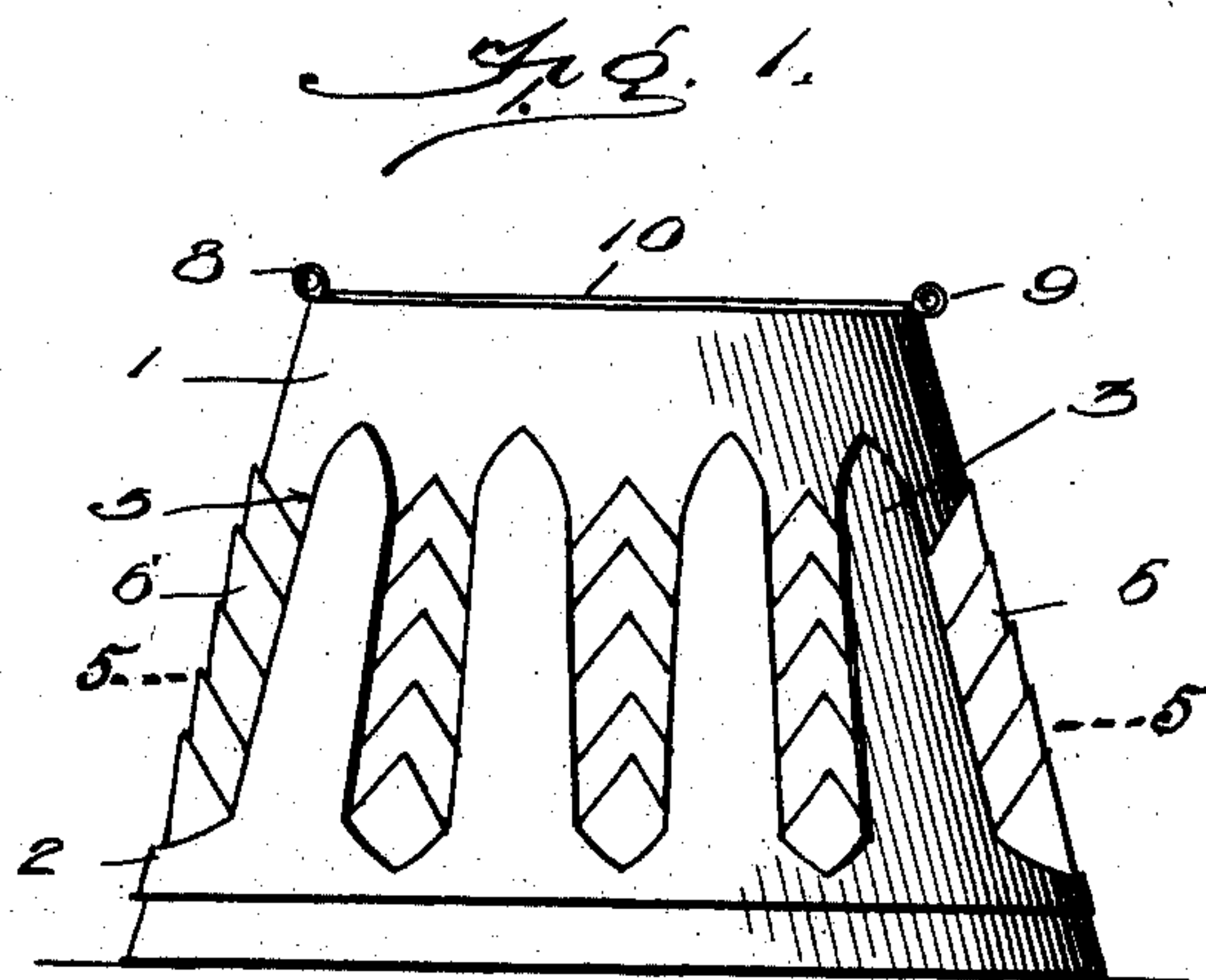
S. H. DUNCAN.

CUSPIDOR.

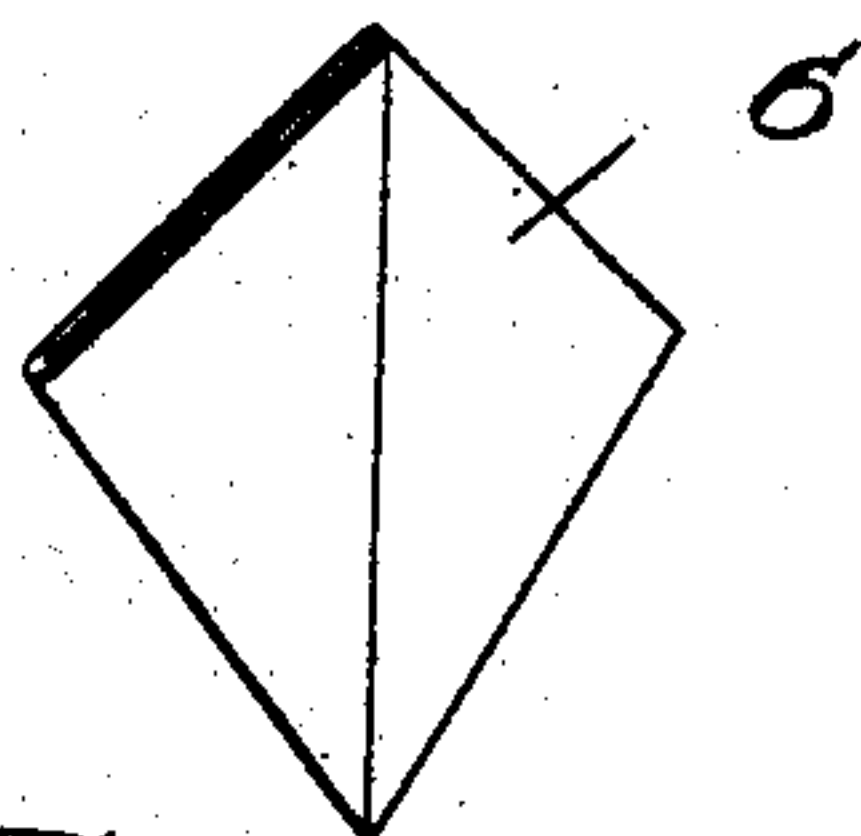
(Application filed May 21, 1901.)

(No Model.)

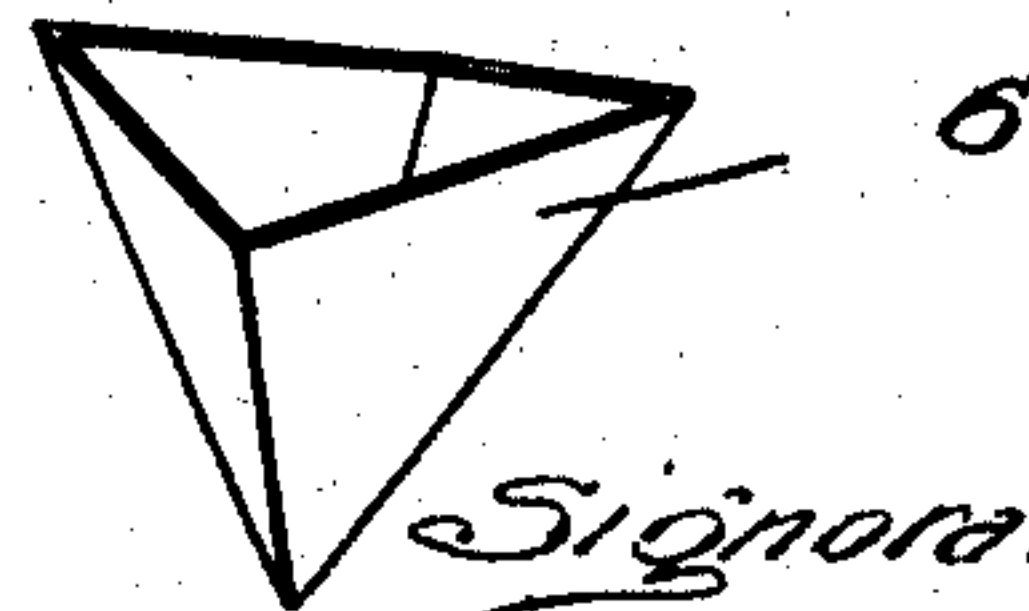
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*Fig. 3.*



*Fig. 4.*



Witnesses  
*Wm. North*  
*Geo. Ackman*

Inventor  
*Signora H. Duncan*  
384 *Victor J. Evans*  
Attorney

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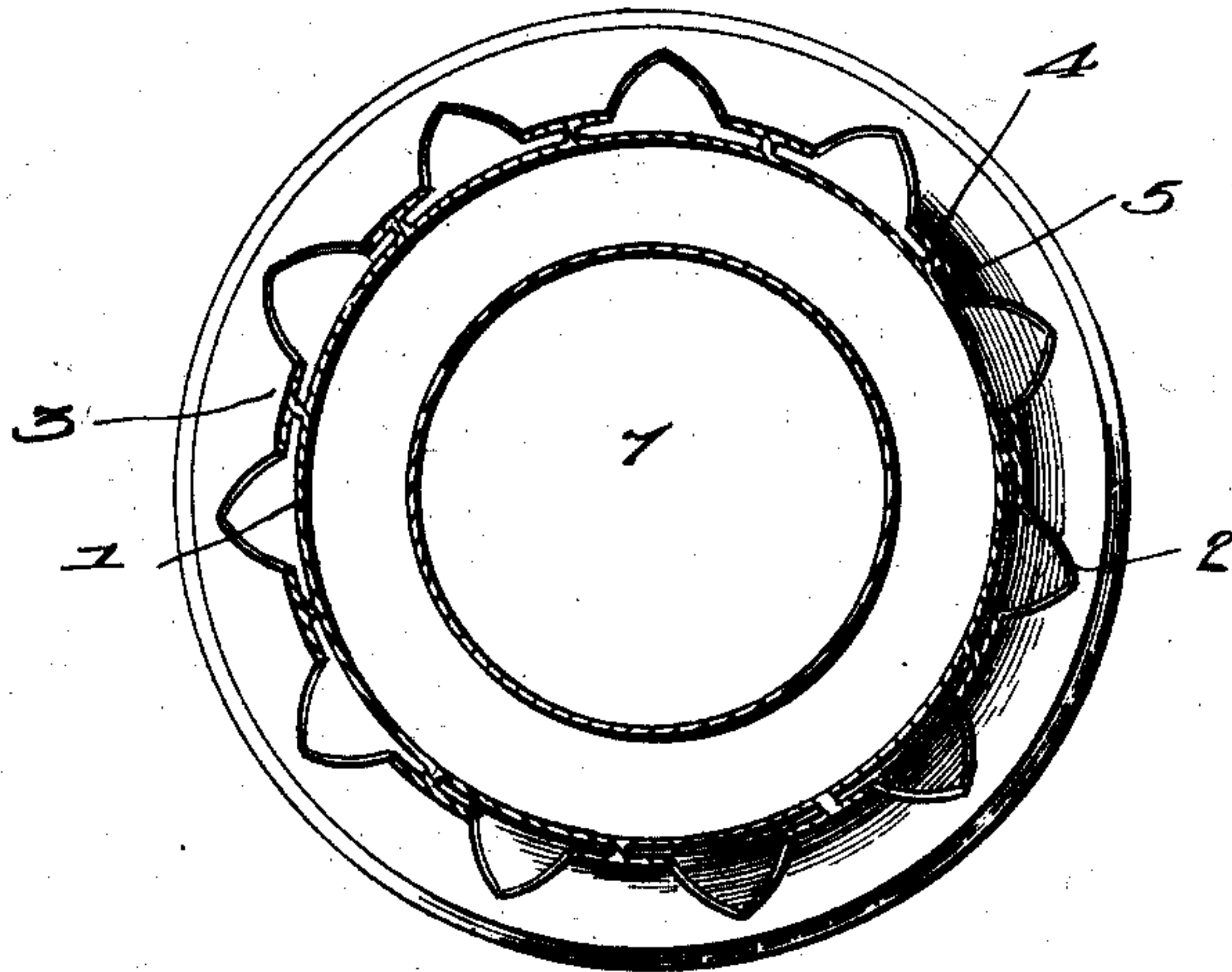
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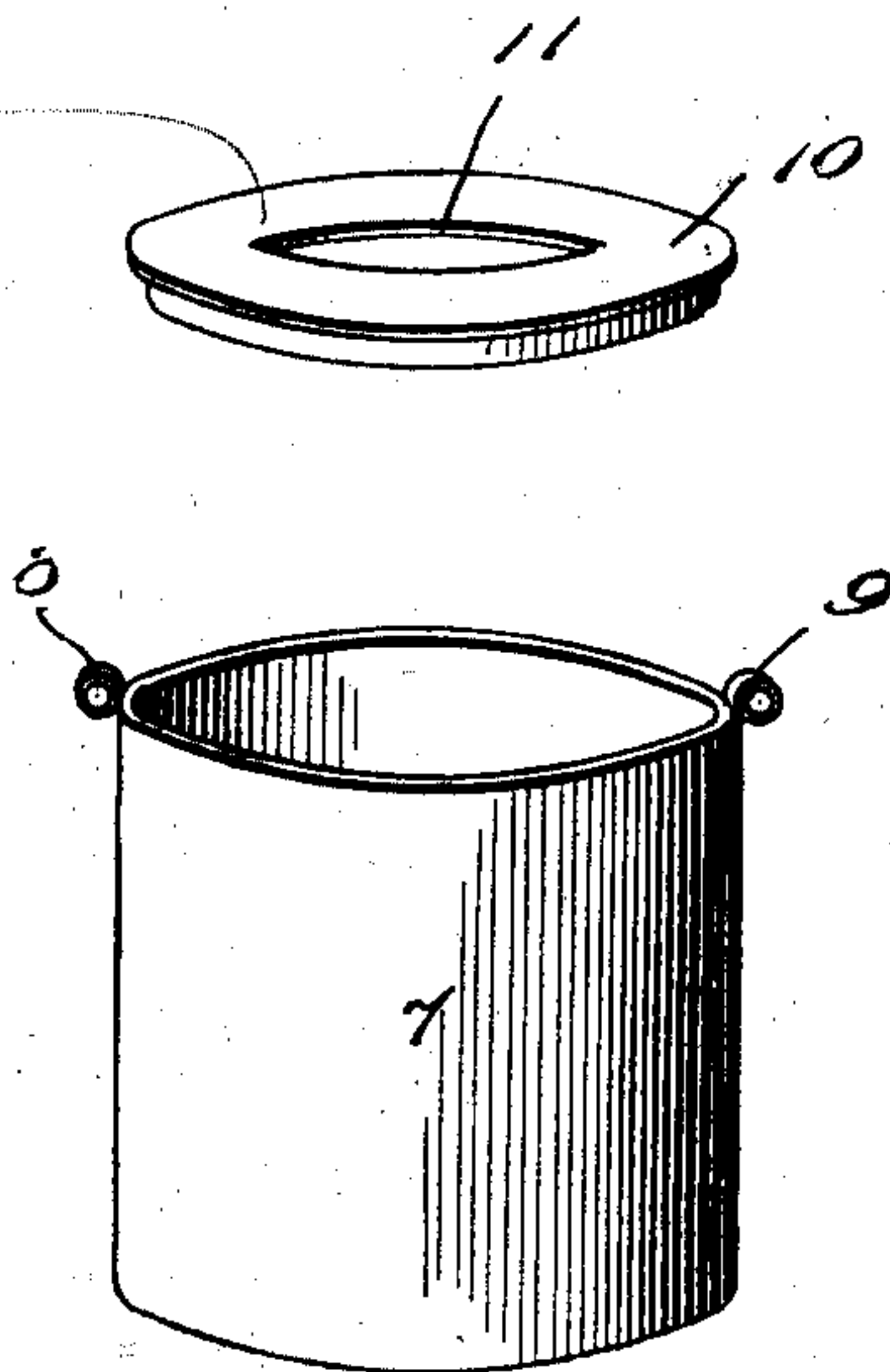
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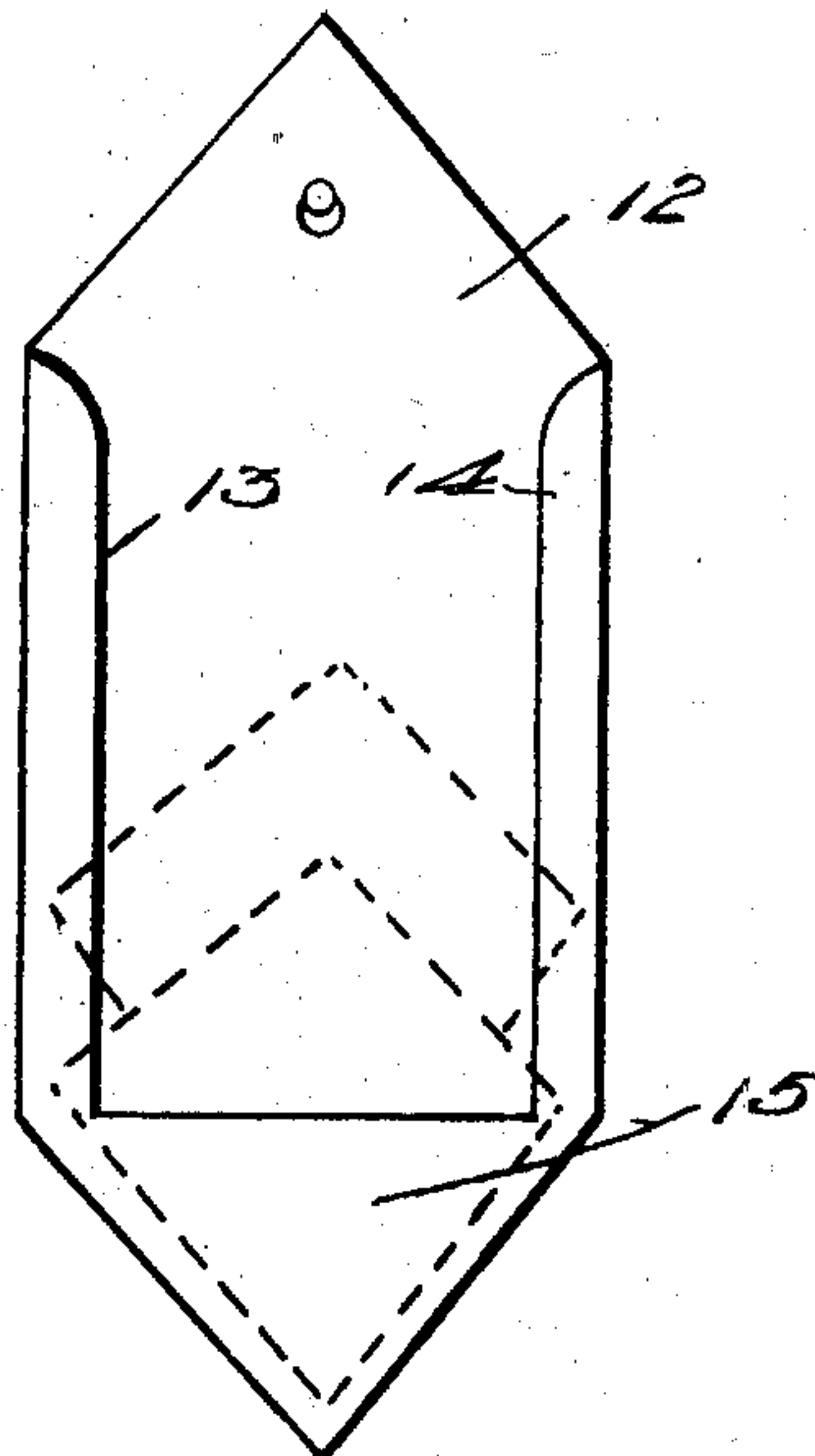
*Fig. 5.*



*Fig. 6.*



*Fig. 7.*



Witnesses

*Wm. L. North*  
*Geo. Ackman*

*Signora H. Duncan,* Inventor

*Victor J. Evans* Attorney



# UNITED STATES PATENT OFFICE.

SIGNORA H. DUNCAN, OF NASHVILLE, TENNESSEE.

## CUSPIDOR.

SPECIFICATION forming part of Letters Patent No. 706,538, dated August 12, 1902.

Application filed May 21, 1901. Serial No. 61,251. (No model.)

*To all whom it may concern:*

Be it known that I, SIGNORA H. DUNCAN, a citizen of the United States, residing at and whose post-office address is Waverly Place, Nashville, in the county of Davidson and State of Tennessee, have invented new and useful Improvements in Cuspidors, of which the following is a specification.

This invention relates to cuspidors; and the primary object thereof is to provide a cheap, durable, and efficient device which will reduce the liability of persons inhaling the germs or bacteria when expectorating. It is a well-known fact that much danger arises in public places from the use of cuspidors, owing to the peculiar conditions which surround the use of the same. For instance, if the cuspidor is used by some one having tuberculosis or any lung trouble the expectoration will dry and the germs therein will impregnate the air, owing to the fact that a dry scaly matter will form and rise by drafts or currents of air into the surrounding atmosphere. This being breathed will inoculate the persons inhaling them with the germs, and if they be of a weak constitution they are liable to be attacked and succumb to the disease. It is the purpose of my invention to obviate this undesirable result; and to this end my invention consists in the peculiar parts and combinations of parts, which are fully described hereinafter, and illustrated in the accompanying drawings, in which—

Figure 1 represents a side elevation of a cuspidor constructed in accordance with my invention. Fig. 2 is a vertical longitudinal sectional view through the same. Figs. 3 and 4 are detail views of the cartons employed. Fig. 5 is a cross-section through the line 5 5 of Fig. 1. Fig. 6 is a detail view of the inner receptacle. Fig. 7 is a front elevation of a slightly-modified form of carton-support.

Referring now to the drawings by numerals of reference, 1 designates the outside casing or stand, which is hollow and approximately in the form of a frustum of a cone, the larger diameter being adapted to rest upon a support to form the bottom. A ring 2 surrounds this stand near the bottom thereof and is provided with a plurality of upwardly-projecting equidistant fingers 3, con-

nected to the stand by means of ribs 4 to form slots 5, in which the cartons are arranged and supported. These cartons 6 are approximately of inverted pyramidal shape when extended, but may be folded flat, as shown in Fig. 3, and inserted in the supports in overlapping series, as clearly shown in Fig. 1. It will therefore be seen that a great quantity of these may be inserted in the slots formed by the fingers 3, and by arranging them to overlap one another an artistic appearance will be made, as well as convenience in detaching the same.

7 designates the receptacle, which is preferably cylindrical and adapted to rest within the outer casing or stand 1 and held in place by means of the projecting ears or handles 8 and 9, which bear against the top edge of the stand 1. If desirable, a suitable bail may be attached to these ears or handles or any other convenient lifting handle may be employed.

10 designates a movable cover, which is adapted and designed to fit into the receptacle 7 and is formed with an elongated slot 11.

In actual practice when it is necessary to expectorate the person will remove one of the cartons (designated by the reference-numeral 6) and by opening the same in the form shown in Fig. 4 may deposit the spittle therein, and by gathering the ends together deposit the same in the receptacle through the slot 11. Thus it will be seen that an individual or separate receptacle is provided for each separate person. When the casing 7 becomes filled, it may be readily removed and the contents thereof burned or otherwise destroyed, so as to prevent the air from becoming impregnated with the germs.

In the modified form of supports shown in Fig. 7, 12 designates a plate provided with overlapping edges 13 and 14 to form grooves, the lower ends of said overlapping edges being connected by a plate 15, whereby a pocket is formed to receive the cartons constructed in accordance or similar to those illustrated in Figs. 3 and 4. The form shown in Fig. 7 may conveniently be attached to the wall or sides of a car or other place where it will not be convenient to employ the construction similar to that shown in Fig. 1. When it is impracticable or undesirable to have these



carton-stands provided, the cartons may be carried in the pocket of the user and utilized one at a time as occasion may arise.

While I have specifically described what appears to me to be the very best form of my invention, I would have it understood that I do not wish to be limited thereto, as I am aware that modifications may be made therein without departing from the spirit or sacrificing any of the advantages of my invention, and I therefore reserve the right to make such changes as fairly fall within the scope of my invention.

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

1. In a device of the character described, the combination, with a casing provided with

a plurality of carton-receiving pockets, of a receptacle removably seated in said casing and a slotted cover for said receptacle.

2. In a device of the character described, the combination with a casing, of a ring arranged on the exterior thereof and provided with a plurality of upwardly-projecting fingers to form grooved pockets, adapted to support a plurality of cartons in each pocket in overlapping series, and a receptacle arranged within the casing, for the purpose described.

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

SIGNORA H. DUNCAN.

Witnesses:

I. L. PENDLETON,  
M. FELDMAN.