

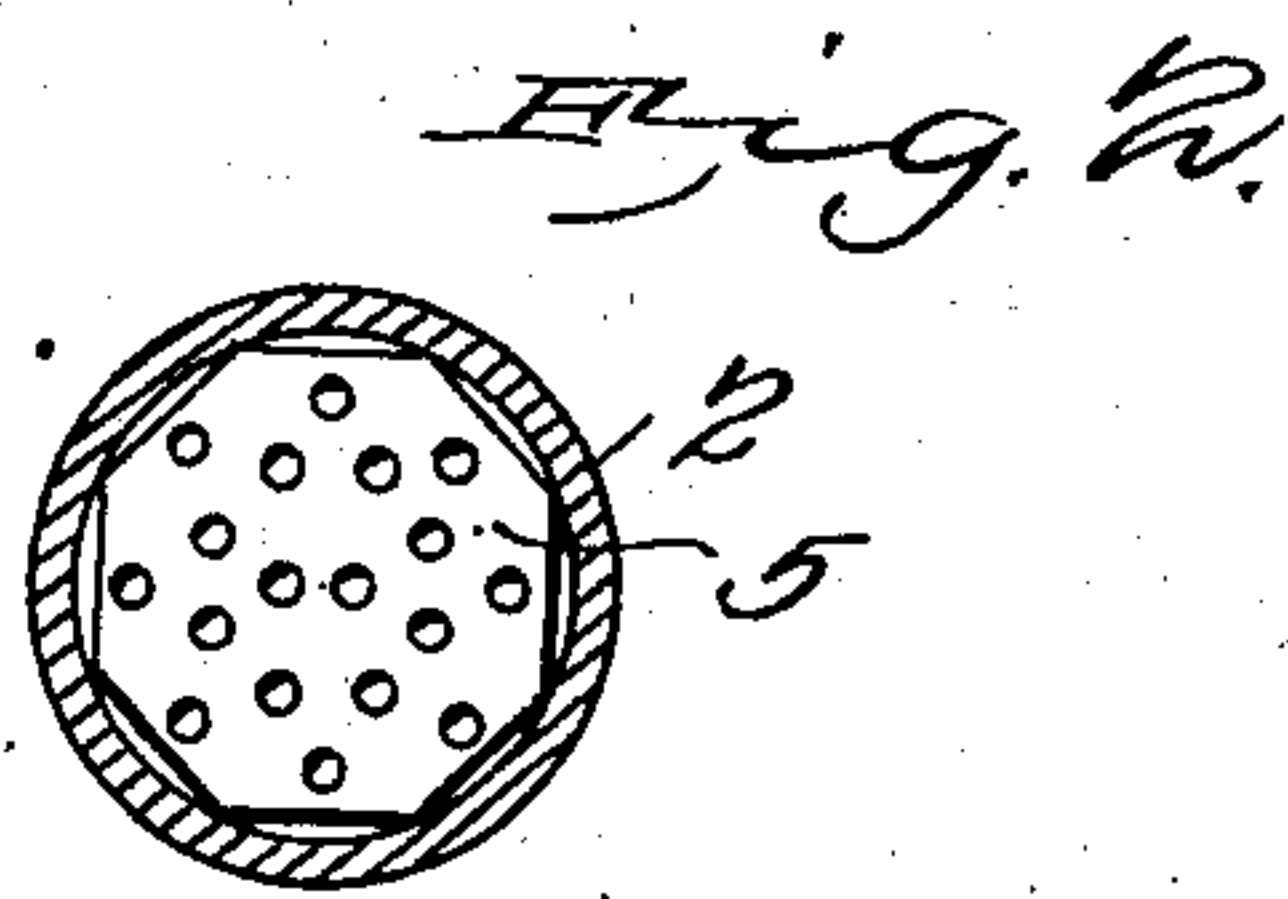
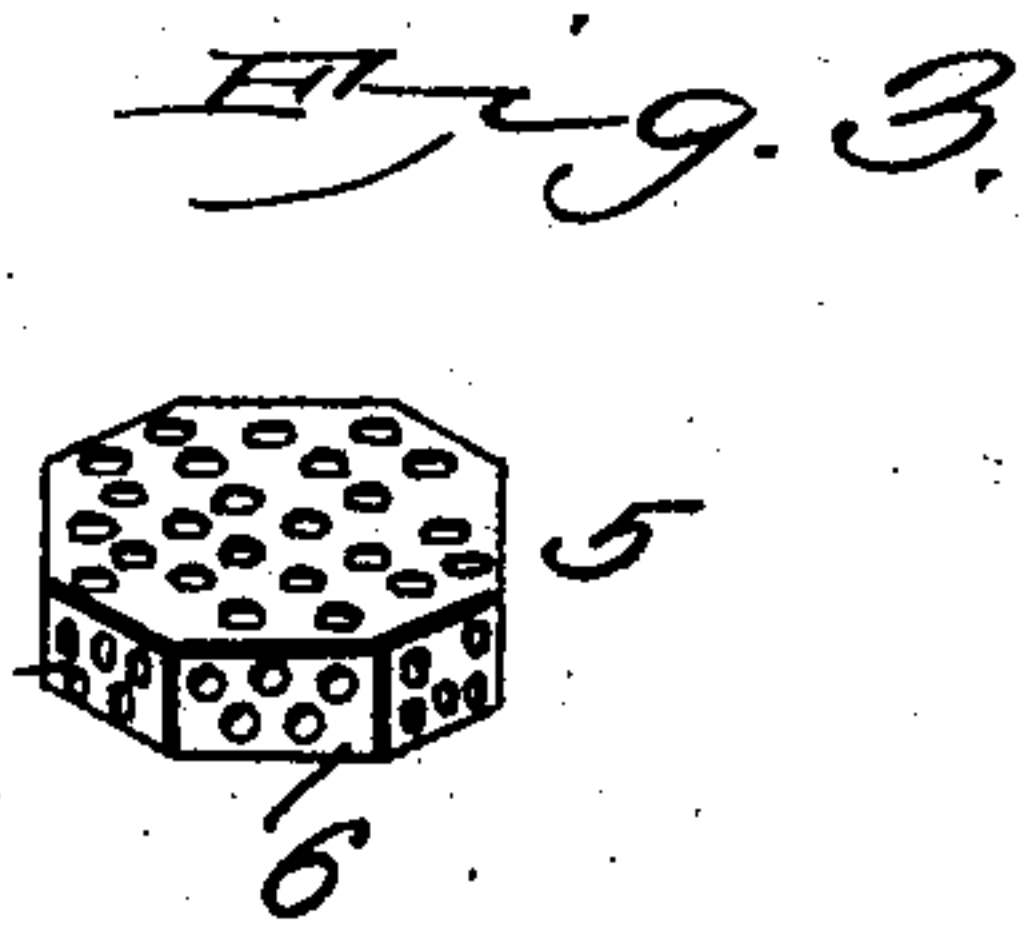
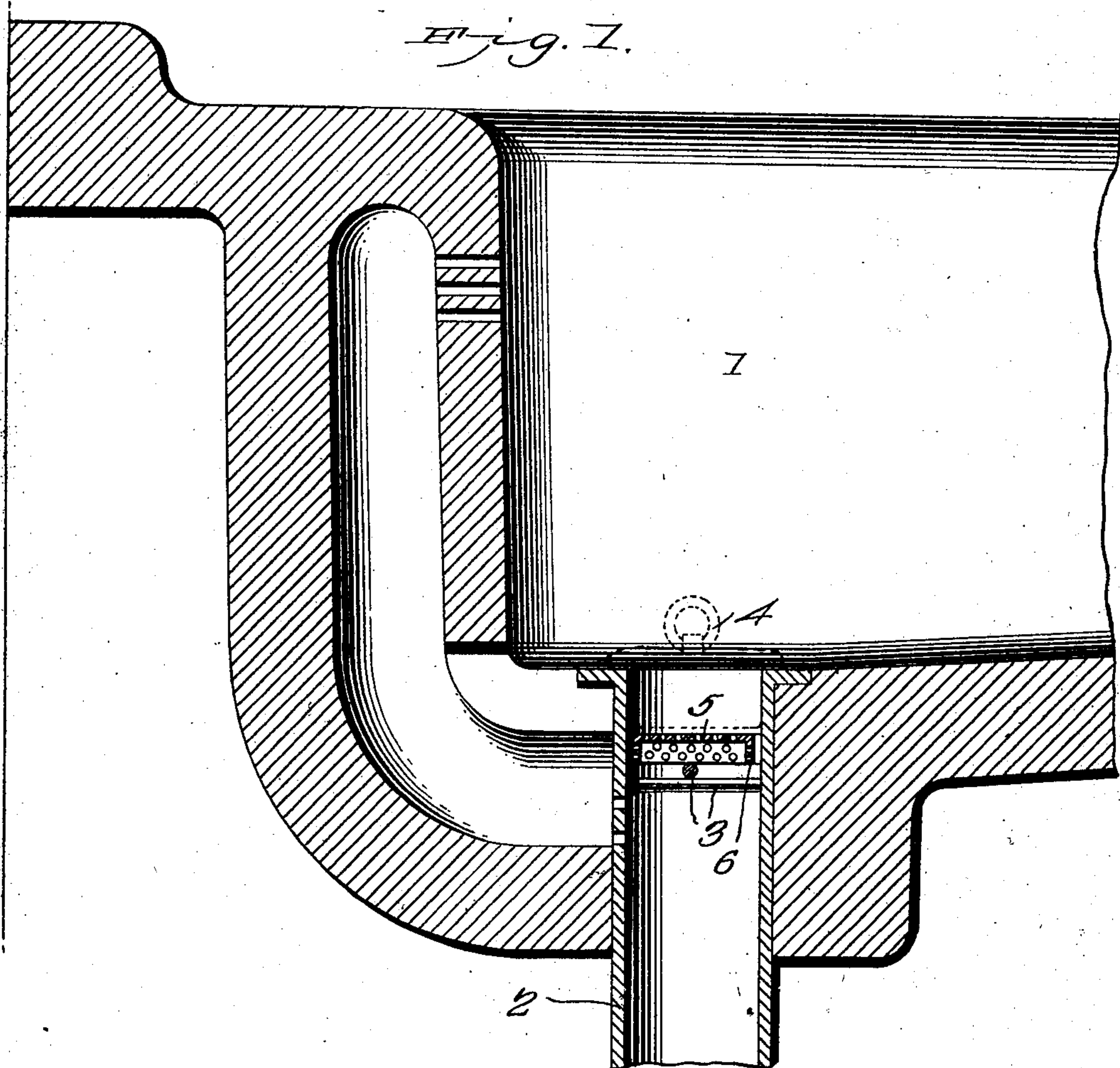
No. 750,043.

PATENTED JAN. 19, 1904.

D. B. ALLEN.
STRAINER ATTACHMENT FOR WASHBASINS.

APPLICATION FILED APR. 30, 1902.

NO MODEL.



Witnesses:
E. J. Stewart
R. M. Elliott

D. B. Allen, Inventor.
by *C. A. Snow*
Attorneys.

UNITED STATES PATENT OFFICE.

DEBBIE BUTLER ALLEN, OF SAN FRANCISCO, CALIFORNIA.

STRAINER ATTACHMENT FOR WASHBASINS.

SPECIFICATION forming part of Letters Patent No. 750,043, dated January 19, 1904.

Application filed April 30, 1902. Serial No. 105,397. (No model.)

To all whom it may concern:

Be it known that I, DEBBIE BUTLER ALLEN, a citizen of the United States, residing at San Francisco, in the county of San Francisco and State of California, have invented a new and useful Strainer Attachment for Washbasins, of which the following is a specification.

This invention relates generally to wash-basins, and particularly to a strainer adapted to be associated with the waste-pipe thereof.

The object of the invention is in a ready, simple, cheap, and feasible manner to obviate clogging of the waste-pipe of a stationary washbasin due to matches and other substances being thrown therein.

A further object is to facilitate cleansing of the strainer when necessary should the same become clogged from soap-suds, threads from wash-cloths, and the like.

With these and other objects in view, as will appear as the nature of the invention is better understood, the same consists in the novel construction and combination of a strainer attachment for washbasins, as will be hereinafter fully described and claimed.

In the accompanying drawings, forming a part of this specification, and in which like numerals of reference indicate corresponding parts, there is illustrated one form of embodiment of the invention capable of carrying the same into practical operation, it being understood that the elements therein exhibited may be varied or changed as to shape, proportion, and exact manner of assemblage without departing from the spirit thereof.

In the drawings, Figure 1 is a view in sectional elevation of a portion of a stationary washbasin, exhibiting the device of this invention associated with the waste-pipe thereof, said device being in section. Fig. 2 is a view in section of the waste-pipe, showing the strainer positioned therein and exhibiting the relation existing between the perimeter of the strainer and the inner wall of the pipe. Fig. 3 is a perspective detail view of the strainer.

Referring to the drawings, 1 designates a stationary washbasin, which may be of the usual or any preferred construction, 2 the waste-pipe, and 3 the cross or guard bars therein. The upper end of the pipe is in this

instance shown as closed by an ordinary stopper 4, (indicated by dotted lines;) but it is to be understood that the device of this invention is equally adaptable for use in connection with basins having other forms of stoppers, and as this will be readily understood further illustration is deemed unnecessary.

The strainer 5, which constitutes the gist of the present invention, may be constructed of foraminous or reticulated metal, as may be preferred, is polygonal in plan, and is provided with a downturned marginal flange 6 to rest upon the upper one of the cross-bars, as clearly shown in Fig. 1. As herein shown, the strainer is octagonal peripherally; but it is to be understood that it may have a greater or less number of sides, if found necessary or desirable, the object for making the strainer polygonal being to facilitate its removal from the waste-pipe when desired by inserting a piece of wire, such as a hair-pin or hat-pin, between one of the faces and the pipe, turning the strainer upright in the pipe, and then removing it. This form will be found particularly advantageous where the strainer is made of finely-woven wire, through the meshes of which it would be difficult to insert an instrument for the purpose of removal; but by the arrangement shown not only is the removal of the strainer facilitated, but any clogging up or banking of matter around its edges will be prevented, as there will be space provided between the faces and the pipe for its escape.

By the use of this simple device matches and other substances that would tend to clog the waste-pipe will be in a positive manner precluded entrance, thereby preventing considerable trouble that frequently arises where the waste-pipe becomes stopped up. Furthermore, while the escape of water will not be impeded in any objectionable degree the waste-pipe will be sealed against escape therein of small articles, such as settings from rings and the like, which frequently occurs with stationary basins the waste-pipes of which are provided only with cross-bars.

This strainer may be constructed in standard sizes and sold to householders as an article of trade.

Having thus fully described my invention,

what I claim as new, and desire to secure by Letters Patent, is—

5 A strainer composed of a single piece of foraminous material, polygonal in plan and having flanges downturned from the edges thereof and combining to form a marginal rim, the maximum diameter of the polygon being equal to the interior diameter of the waste-pipe in which the strainer is fitted, the perforated

flanges forming the marginal rim being there- 10
by spaced from the sides of such waste-pipe.

In testimony that I claim the foregoing as my own I have hereto affixed my signature in the presence of two witnesses.

DEBBIE BUTLER ALLEN.

Witnesses:

O. C. PRATT,

E. H. HART.