

(No Model.)

A. E. SCHATZ.
AUTOMATIC VENT BUNG.

No. 263,062.

Patented Aug. 22, 1882.

Fig. 1.

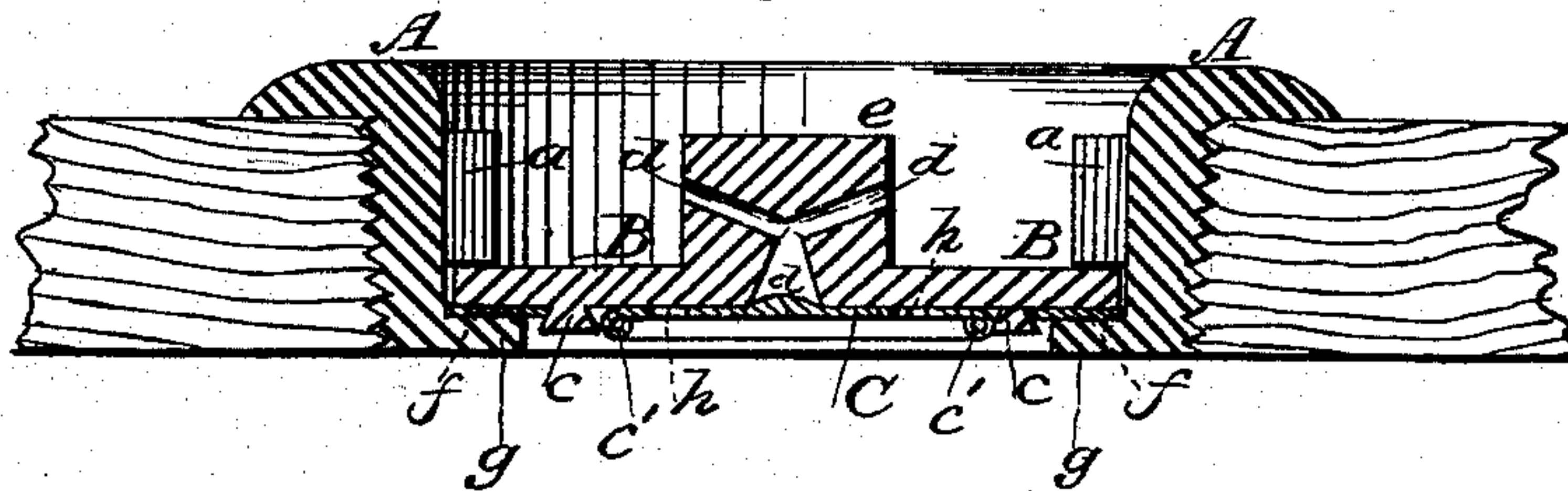
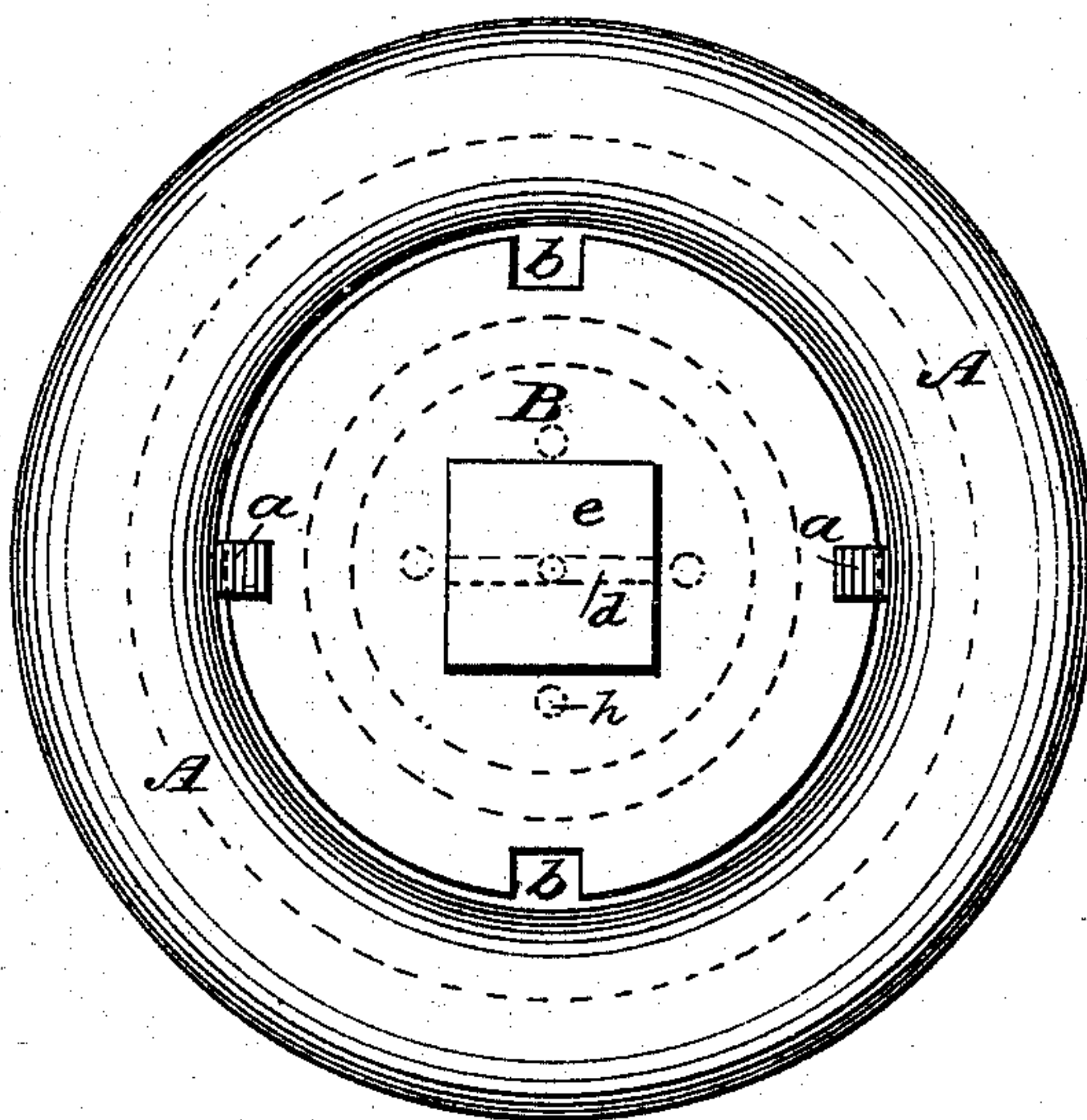


Fig. 2.



WITNESSES
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AUTOMATIC VENT-BUNG.

SPECIFICATION forming part of Letters Patent No. 263,062, dated August 22, 1882.

Application filed April 20, 1882. (No model.)

To all whom it may concern:

Be it known that I, ADAM E. SCHATZ, a citizen of the United States, residing at New York city, in the county of New York and State of New York, have invented certain new and useful Improvements in Automatic Vent-Bungs; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains, to make and use the same.

My invention relates to improvements in automatic vent-bungs; and the object is to permit atmospheric air to pass into the interior of barrels, casks, &c., containing beer, ale, cider, and other fluids or liquors, and thereby give a vent to them and assist in the withdrawal of such fluids or liquors, and also to accomplish this in an automatic manner.

The invention consists in the construction and arrangement of parts, as will be more fully described hereinafter, reference being had to the accompanying drawings and the letters of reference marked thereon.

Like letters of reference refer to like parts in the annexed drawings, in which—

Figure 1 is a vertical cross-section of the improved bung attached to a barrel. Fig. 2 is a plan view of same.

In the drawings, A represents the bush, which may be screwed into the barrel or secured in any other suitable manner. This bush has a lug, *a*, on each side, under which is held the vent-plate B, which has notches *b*, so as to pass over the lugs, and by receiving a quarter-turn is securely held in place by the

wedge shape form of the face of the plate. At its lower side this plate B has a dovetail-shaped ring, *c*, between the inner sides of which the rubber removable disk C, having a suitable wire ring, *c'*, or other means of holding it in place, is inserted. The disk C is provided with a protuberance in its center, which fits into a depression in the plate B and firmly seals the opening *d* in the raised part *e*, either square or hexagonal, on the plate B when the pressure of gas is applied thereto from the interior. This disk is perforated by a number of small holes, *h*.

A suitable washer, *f*, may be placed below the outer edge of the plate B, to make a perfectly-tight joint between it and the annular flange *g* of the bushing A.

Having thus described my invention, what I claim is—

1. The combination, with a bung having an inlet opening, of the removable disk C, having one or more perforations through it and a protuberance, substantially as and for the purpose specified.

2. The combination, with the bung B, adapted to be attached to a bush, and having a raised central portion, *e*, provided with openings *d d*, of the disk C, having one or more perforations and a protuberance, substantially as specified.

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

ADAM E. SCHATZ.

Witnesses:

J. W. HAMILTON JOHNSON,
LLOYD F. KELEHER.