

(No Model.)

H. W. FLOOD & H. KROMWELL.

INSECT GUARD.

No. 255,499.

Patented Mar. 28, 1882.

Fig. 1.

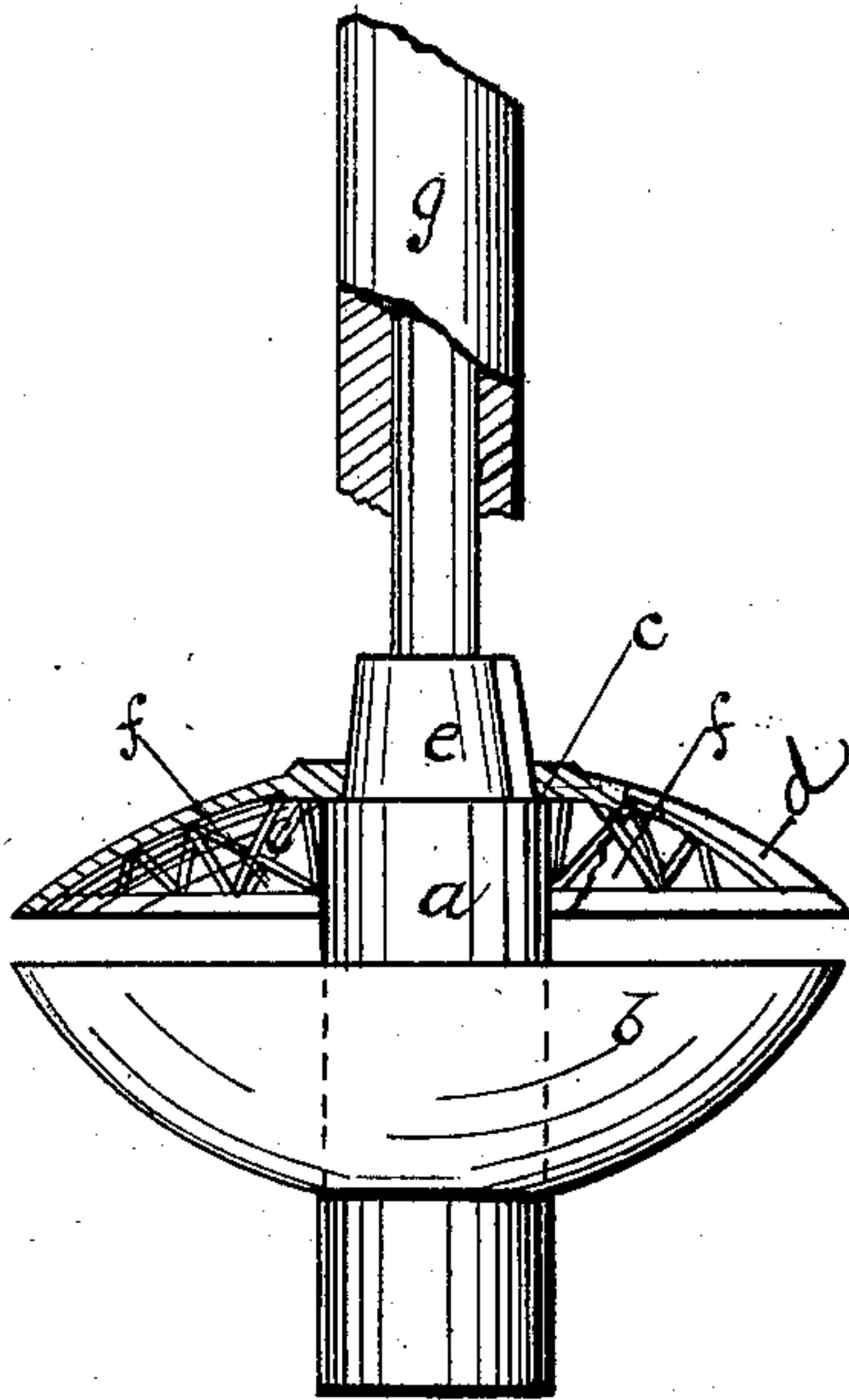
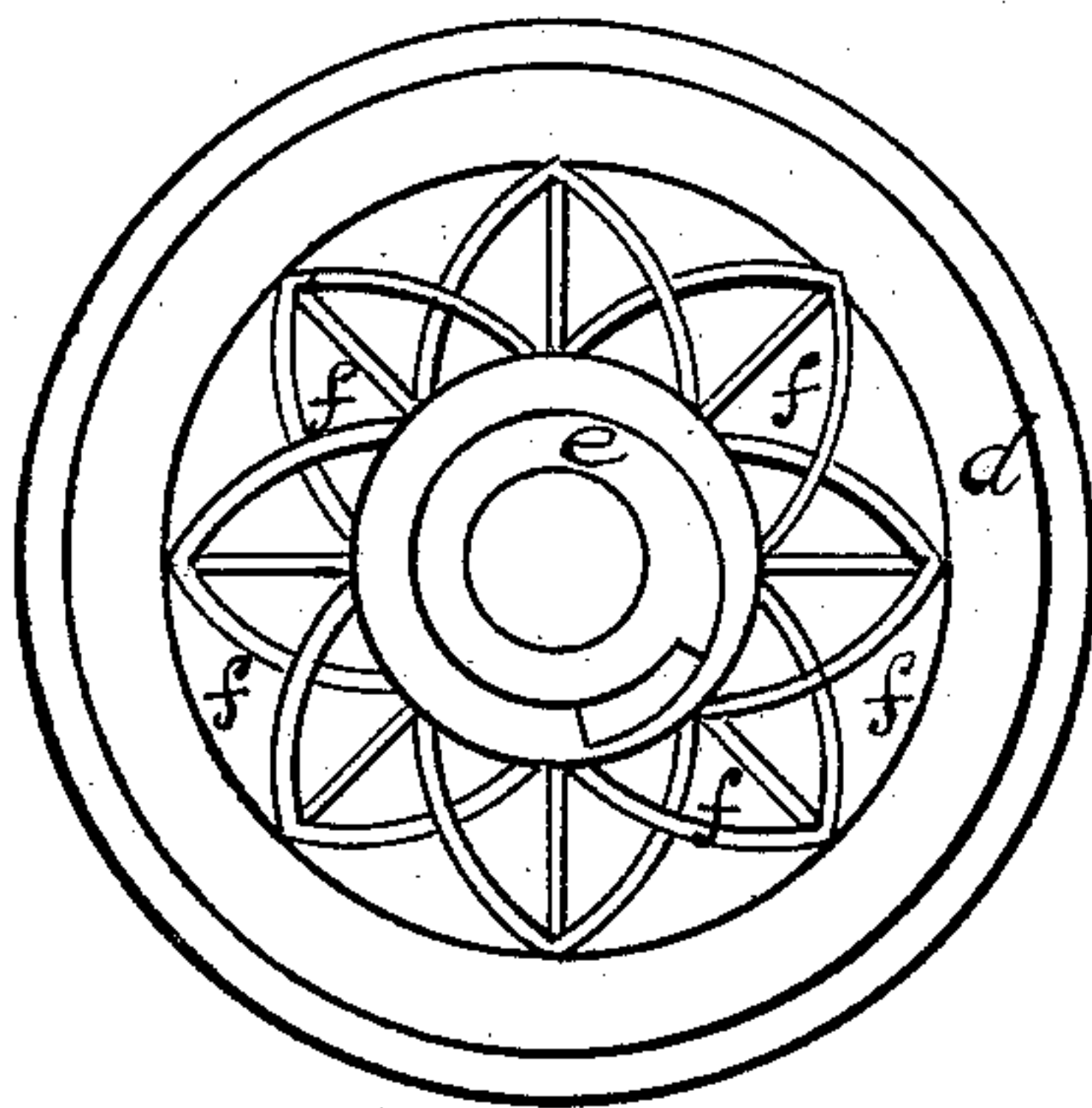


Fig. 2.



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UNITED STATES PATENT OFFICE.

HARRY W. FLOOD AND HENRY KROMWELL, OF HOBOKEN, NEW JERSEY.

INSECT-GUARD.

SPECIFICATION forming part of Letters Patent No. 255,499, dated March 28, 1882.

Application filed July 2, 1881. (No model.)

To all whom it may concern:

Be it known that we, HARRY W. FLOOD and HENRY KROMWELL, citizens of the United States, and both residing at Hoboken, in the county of Hudson and State of New Jersey, have invented certain new and useful Improvements in Insect-Guards, of which the following is a specification.

Our invention relates to improvements in that class of insect-protectors which are permanently attached to the legs of furniture; and the main object of our invention is to provide means for holding the destructive material in a sufficiently exposed manner, and yet insure protection from outside contact and render it safe under all circumstances and conditions, and incapable of being tampered with by children.

We attain the object of our invention by the construction shown in the accompanying drawings, in which—

Figure 1 is a side view, with the cover partly in section, of our improved insect guard and destroyer; and Fig. 2 is a plan view of the same.

a is a standard of unequal dimensions, which serves as a support for the vessel or receptacle *b*. Its shank or upper end is somewhat smaller than its other portions, and is designed to be driven into a suitable socket provided in the leg of the furniture. Its lower end has an opening which serves as a socket for a caster when required. This end is, however, of such dimensions as to afford a firm base for the leg of the article to which it is attached when a caster is dispensed with. The receptacle *b* surrounds the standard *a*, and is preferably cast with it from one piece of metal. Within this receptacle is placed the insect-destroying liquid or material. At a suitable point above this receptacle *b* a shoulder, *c*, is provided on the standard *a*, upon which the cover *d* rests when it is properly adjusted in position. The cover *d* and receptacle *b* are both made concave, and the cover is suspended, so as to allow a space between it and the receptacle sufficient to prevent insects from going from one to the other, and at the same time afford a complete protection against any contact of the clothing of the bed or of a passing person

with the contents of the vessel. From the shoulder *c* to a distance above sufficient to give the cover some play the standard is cast with an eccentric *e* and slightly tapering, as shown in Fig. 1, and the central opening in the cover *d* is correspondingly eccentric, so that when the cover is turned or pressed down until it rests on the shoulder *c* a slight rotation will wedge it in position. A series of perforations or openings, *f*, are provided in the cover in order to allow the fumes of the material to pass upward directly to the furniture and coverings. The device is thus equally applicable for the purpose of fumigation.

The replenishing and cleansing of the receptacle is easily accomplished, as there is sufficient space between the shoulder *c* and end of the leg *g* of the furniture to permit the cover to be raised for the introduction of the material, or for other purposes.

By our improved construction the objections heretofore existing against such receptacles as insect-destroyers, by reason of their contents being necessarily much exposed, is entirely obviated, for while our device is equally effective it combines safety and security against contact from clothing, or otherwise, with the poisonous material, and prevents children from tampering with it and being endangered thereby.

We are aware that cup-shaped vessels have been secured to the legs of furniture for holding liquid to prevent the progress of insects, and such we do not broadly claim as our invention; but

What we do claim as new, and desire to secure by Letters Patent, is—

An insect guard or protector consisting of the standard *a*, provided with the eccentric portion *e* and shoulder *c*, in combination with the vessel *b* and perforated cover *d*, all arranged and operating substantially as shown and described.

HARRY W. FLOOD.
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Witnesses:

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