

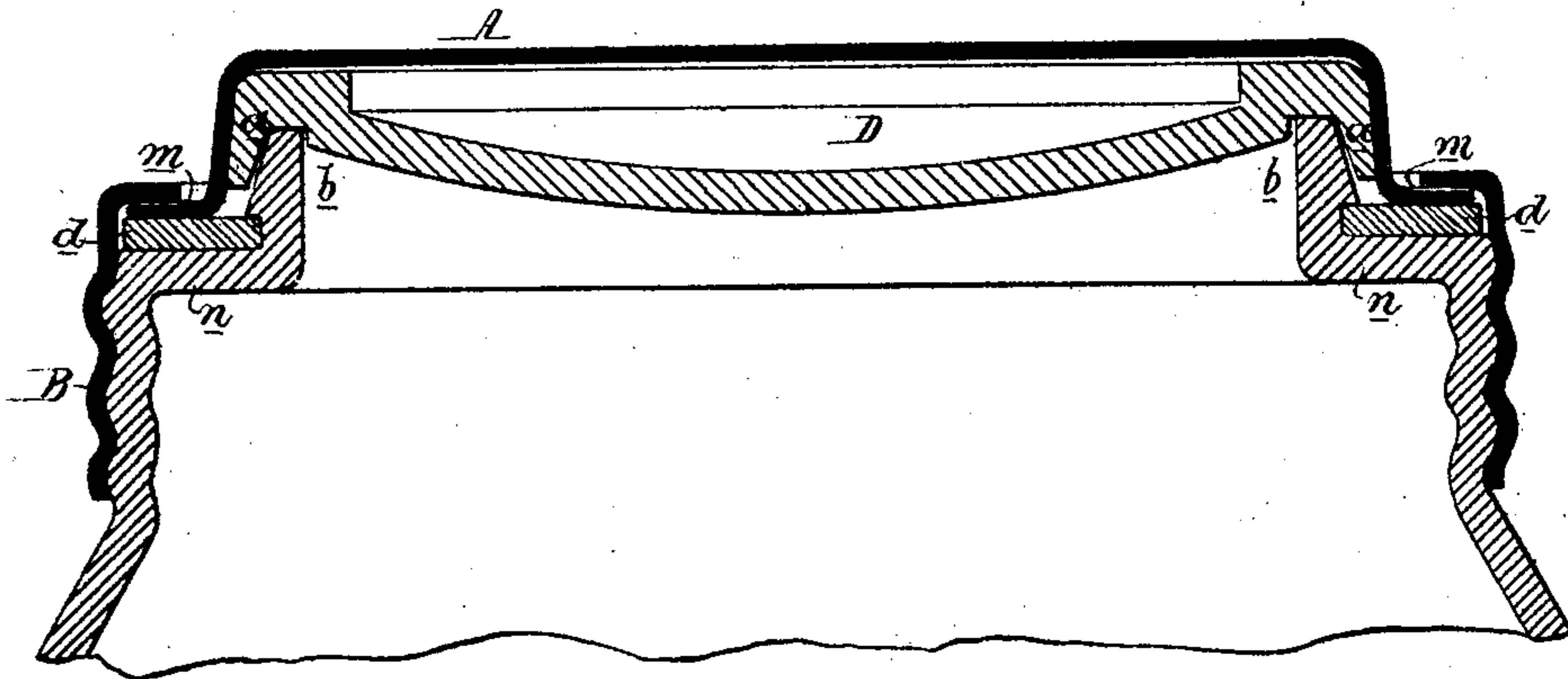
H. HOWSON.

Improvement in Fruit-Jars.

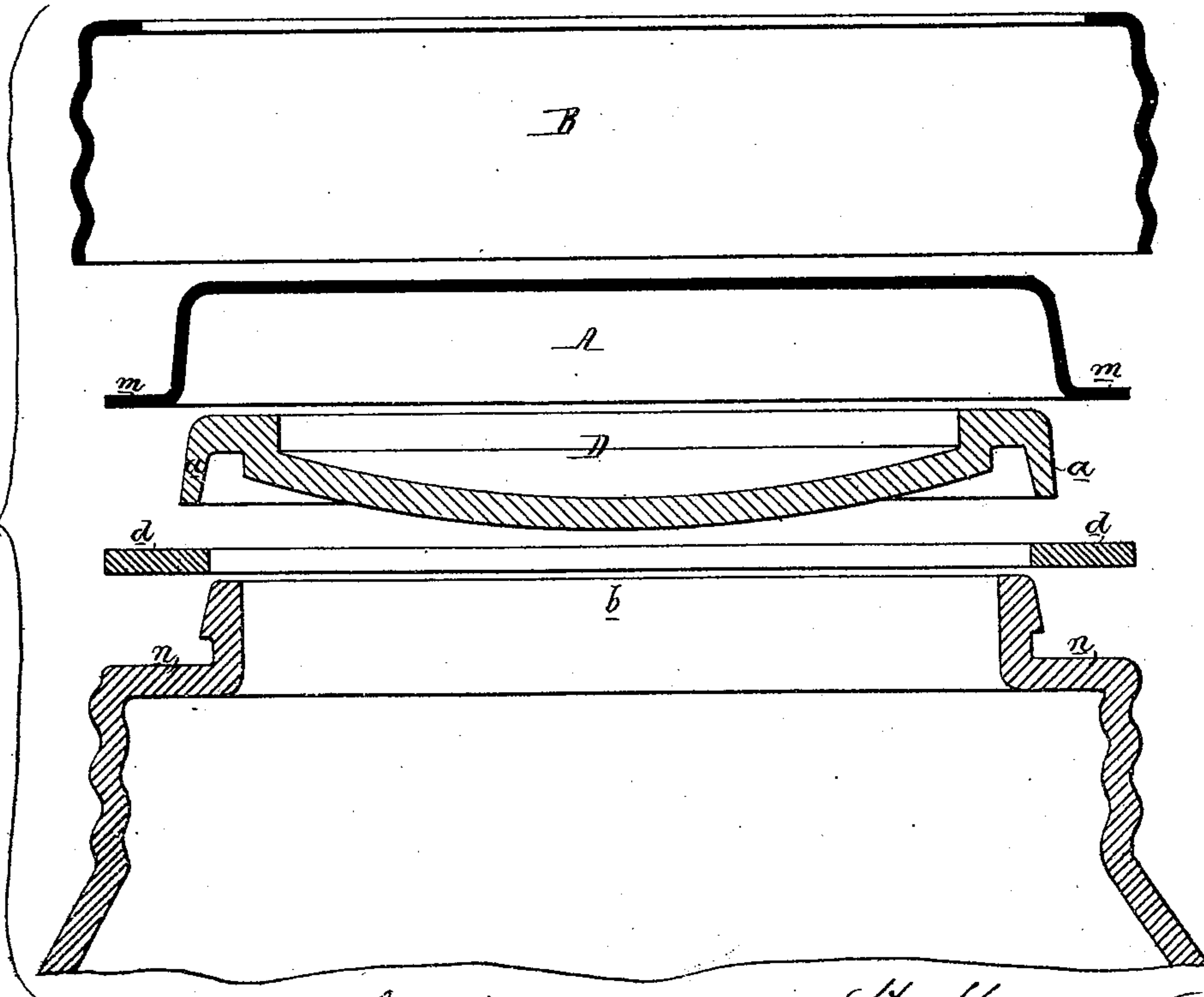
No. 131,003.

Patented Sep. 3, 1872.

*Fig. 1.*



*Fig. 2.*



Witnesses { Harry Smith  
Thomas M. Swan

H. Howson  
by his Attor.  
Howson and Son

# UNITED STATES PATENT OFFICE.

HENRY HOWSON, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR TO S. B. ROWLEY, OF SAME PLACE.

## IMPROVEMENT IN FRUIT-JARS.

Specification forming part of Letters Patent No. 131,003, dated September 3, 1872.

Specification describing an Improvement in Fruit-Jars, invented by HENRY HOWSON, of Philadelphia, Pennsylvania.

My invention has for its object a cleanly cover for fruit-jars, and one which will prevent the deleterious action of metal and packing on the contents of the jar.

I attain this object by an improvement in, or addition to, the fruit-jar for which Letters Patent were granted to S. B. Rowley, December 14, 1869. This addition consists of a cap, D, of glass, earthenware, or other equivalent material, (see accompanying drawing,) having a flange, *a*, overlapping the mouth of the jar, and thus isolating the rubber packing *d* from the contents, the glass cap at the same time preventing the exposure of the metal cover to the said contents.

As in the aforesaid patent of S. B. Rowley, the jar has an external shoulder, *n*, below the mouth *b*, a packing-ring, *d*, on the shoulder, and a screw-ring, B, adapted to the screw-thread on the jar for compressing the flange *m* of the cover A onto the rubber packing, and thereby securing a perfectly-tight joint.

It will be observed that the flange *a* of the glass cap does not bear on the rubber, reliance

for a tight joint being placed entirely on the compression of the flange of the thin metal cover on the rubber packing. As regards the effecting of a perfect joint, therefore, my combination possesses the advantages found in the aforesaid patent of S. B. Rowley, while the overlapping flange of the glass cap excludes the contents of the jar from the metal and isolates the rubber packing.

Although the glass cap fits snugly within the metal cover, it is distinct and separate from the same, and may be removed when required.

I claim as my invention—

The combination, with a fruit-jar having a shoulder below the mouth and a screw-thread below the shoulder adapted to a screw-ring, of a glass cap, D, having a flange overlapping the said mouth and contained within a metal cover having a flange acted on by the screw-ring, all substantially as set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

HENRY HOWSON.

Witnesses:

HARRY SMITH,  
LOUIS BOSWELL.