

J. H. COLEMAN & G. W. ALDRICH.
Oil Can Faucet.

No. 229,805.

Patented July 13, 1880.

Fig. 1.

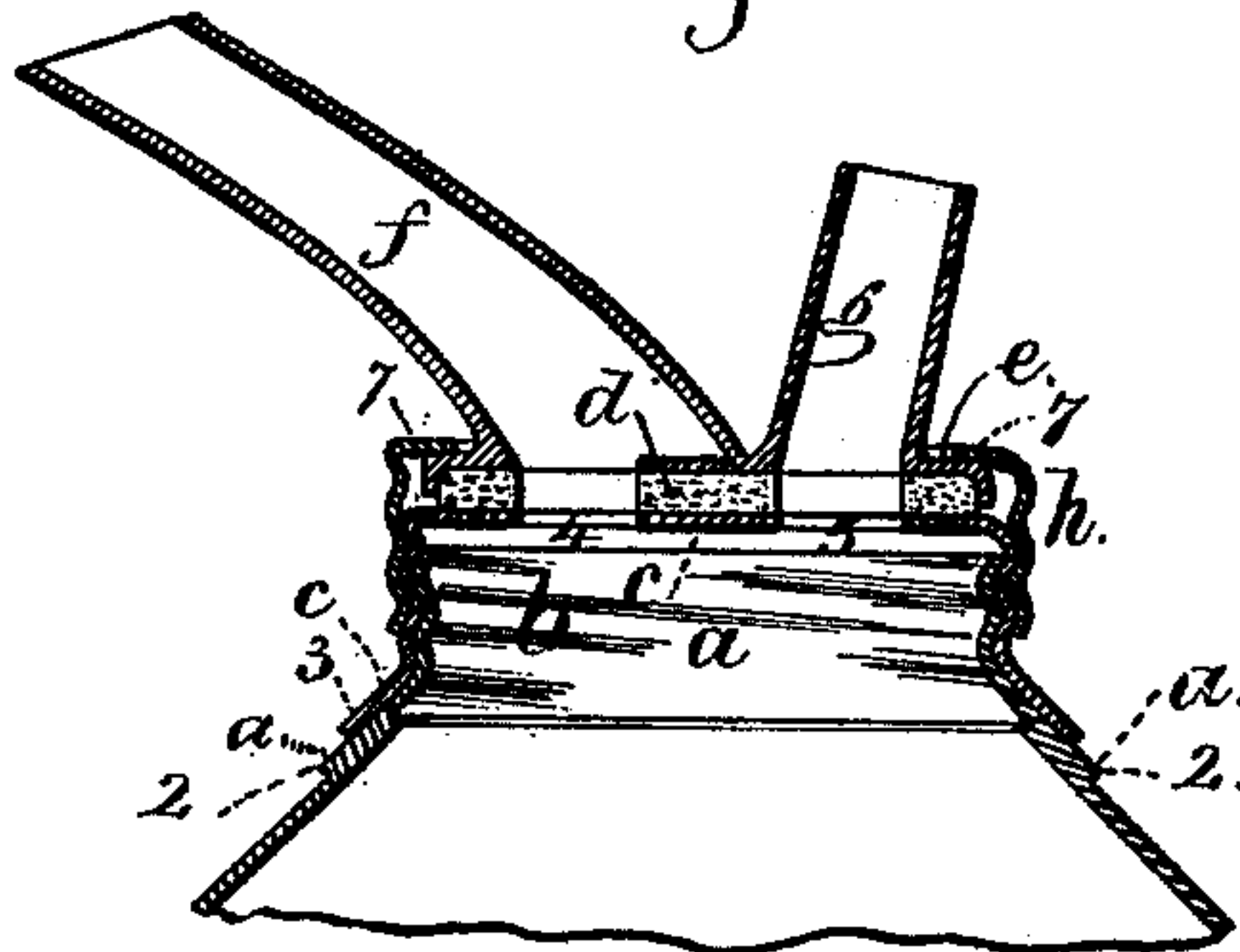


Fig. 2.

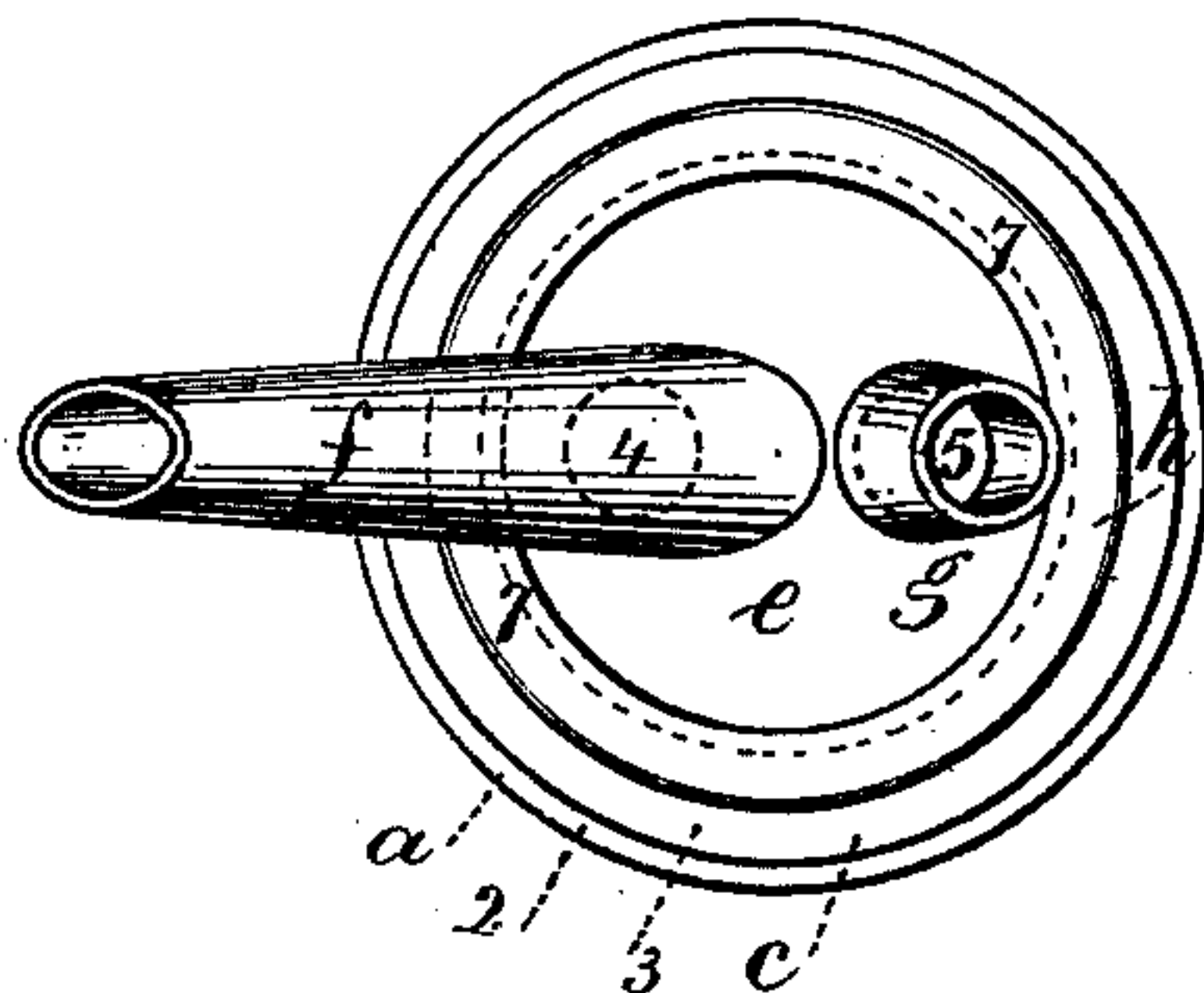


Fig. 3.

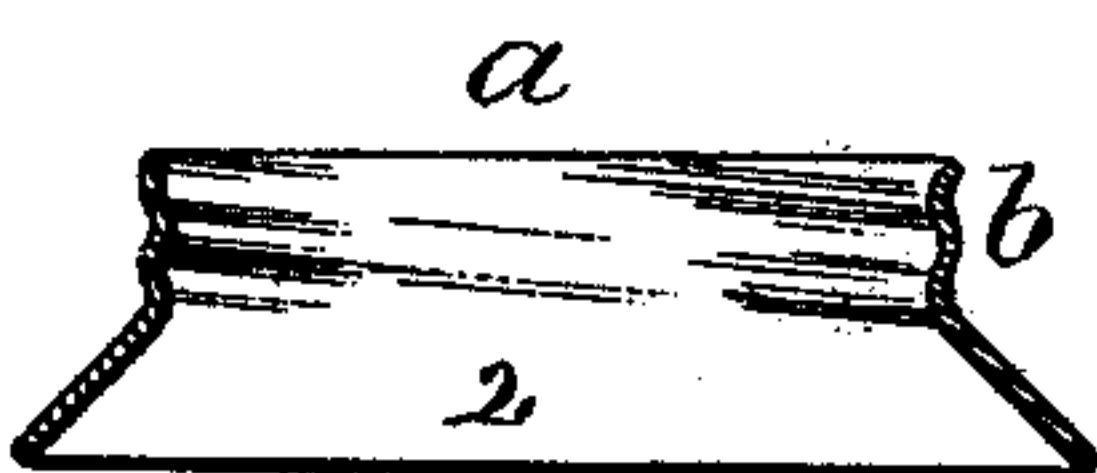


Fig. 4.



Fig. 5.

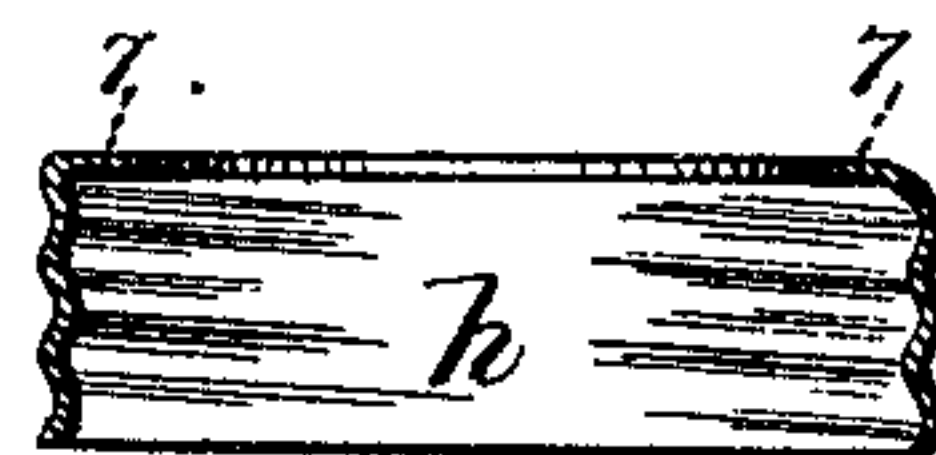
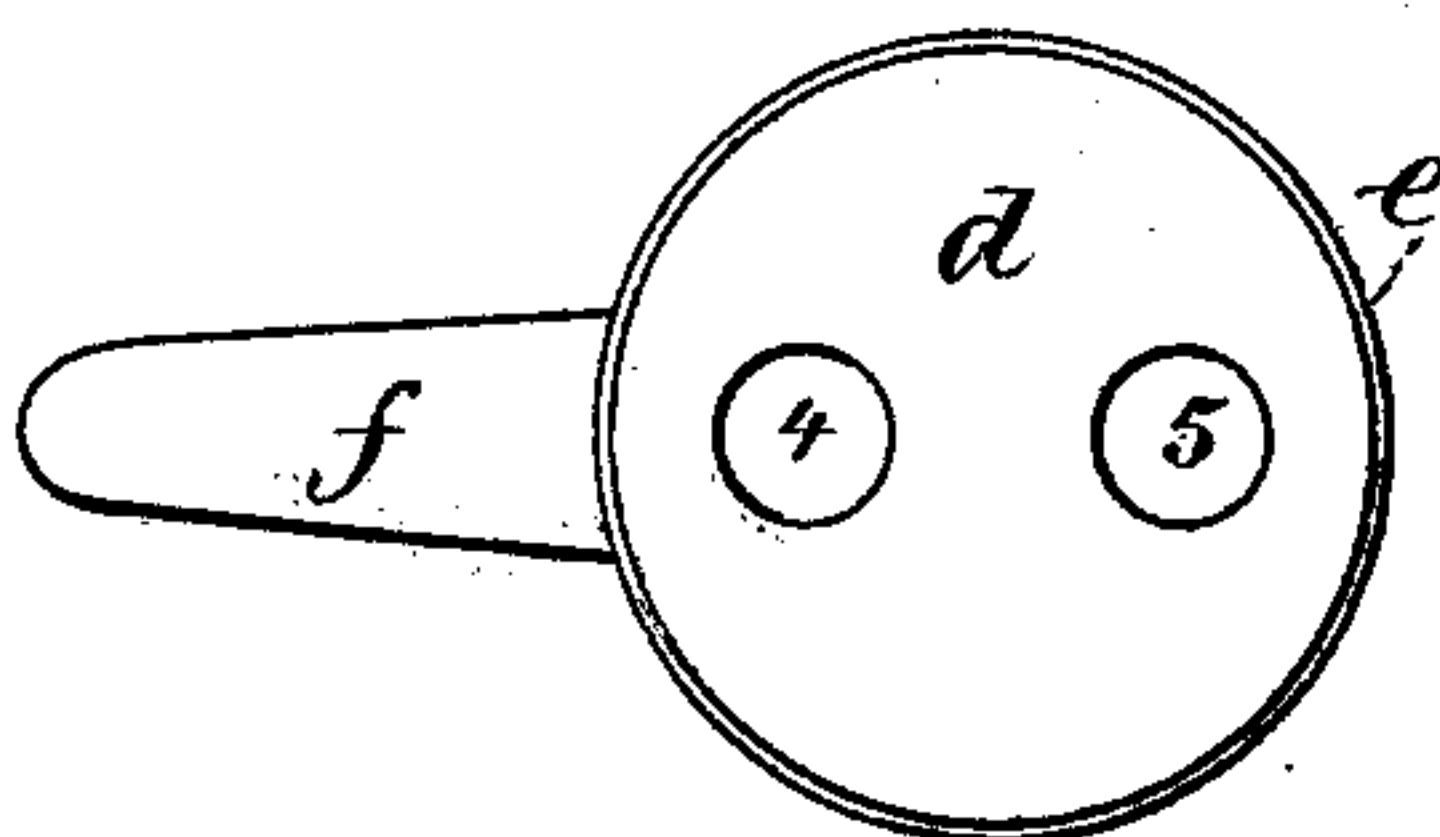


Fig. 6.



Witnesses

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UNITED STATES PATENT OFFICE.

JOHN H. COLEMAN, OF NEW YORK, AND GEORGE W. ALDRICH, OF
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OIL-CAN FAUCET.

SPECIFICATION forming part of Letters Patent No. 229,805, dated July 13, 1880.

Application filed December 1, 1879.

To all whom it may concern:

Be it known that we, JOHN H. COLEMAN, of the city and State of New York, and GEORGE W. ALDRICH, of Brooklyn, in the State of New York, have invented an Improvement in Oil-Can Faucets, of which the following is a specification.

Oil-can faucets have been made of a metal cylinder having a spout at one side and a valve-seat at the bottom, upon which a valve is forced by a screw. An air-vent has also been provided with this character of valve; but the oil is liable to be projected through the air-vent when the oil-can is tipped.

Our invention is made for giving easy access to the oil-can in filling the same, for preventing the oil passing out of the vent-hole, for tightening the valve, so as to prevent leakage in transportation, and for easily opening and closing the can when a portion of the contents is to be poured out.

In the drawings, Figure 1 is a vertical section of the faucet complete. Fig. 2 is a plan of the same. Fig. 3 is a section of the screw-ring. Fig. 4 is a section of the screw-cap. Fig. 5 is a section of the screw-union separately, and Fig. 6 is an inverted plan of the face of the valve.

The ring *a* is preferably of sheet metal, with a screw, *b*. The flange portion 2 of the ring is either flat or conical, according to the shape of the can to which it is to be attached, and this ring is soldered at its edge to the sheet-metal can at the opening in said can, so that the can may easily be filled through this screw-ring *a*.

The cap *c* is preferably of sheet metal. It screws upon the ring *a*, and its edge 3, coming intimately into contact with the surface of the flange 2, forms a tight joint. In the top of this cap *c* there are two holes, 4 and 5.

The valve is formed with an elastic face, *d*, preferably of cork, attached to the disk *e*, and there are holes in the valve-face *d* and disk *e* corresponding to the holes 4 and 5.

The spout *f* is attached to the disk *e* at one of the holes therein, and the air-tube *g* is attached to said disk *e* at the other hole thereof.

The screw-union *h* is preferably of sheet metal, the flange 7 of which union is upon the surface of the disk *e*, and the union *h* screws upon the cap *c* and clamps the face *d* and disk *e* upon said cap.

When the holes in *e*, *d*, and *c* correspond, the oil can be poured from the spout *f*, and the air will pass into the can through the tube *g*.

When the disk *e* and valve-face *d* are turned so that the holes do not correspond the can will be closed.

The disk and valve can be easily turned by hand when the air-tube and spout are grasped. If, however, the union is screwed up with extra force, the elastic valve-face will be compressed and the valve held firmly, and the can may be easily transported.

It will be understood that the air-tube *g* should be soldered to the disk *e* after the latter has been placed in its position within the screw-union *h*, and by its divergence the disk *e* will be held so that it cannot become separated from the screw-union if the latter is removed from the cap *c*.

The upward inclination of the air-tube prevents the oil spurting out when the can is first tipped.

Cast metal may be used in place of sheet metal, and the faucet may be used for any kind of liquid.

We claim as our invention—

1. A spout and air-tube upon a disk having an elastic face, in combination with a screw-union, and a cap upon which the union is screwed, and to which the elastic face is pressed by the screw-union, substantially as set forth.

2. The combination, with the screw-union, of a disk-valve and a cap, there being holes through the cap and the disk that do not correspond when the disk is turned to close the faucet, as set forth.

3. The combination, in a faucet for cans, of a screw-ring, *a*, attached to the can, a screw-cap, *c*, a screw-union, *h*, a disk and elastic face between the screw-union and the cap, and a spout upon the disk, substantially as set forth.

Signed by us this 11th day of November, A. D. 1879.

JNO. H. COLEMAN.

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GEO. T. PINCKNEY,
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Witnesses as to signature of J. H. Coleman:

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GEO. C. ORAM.