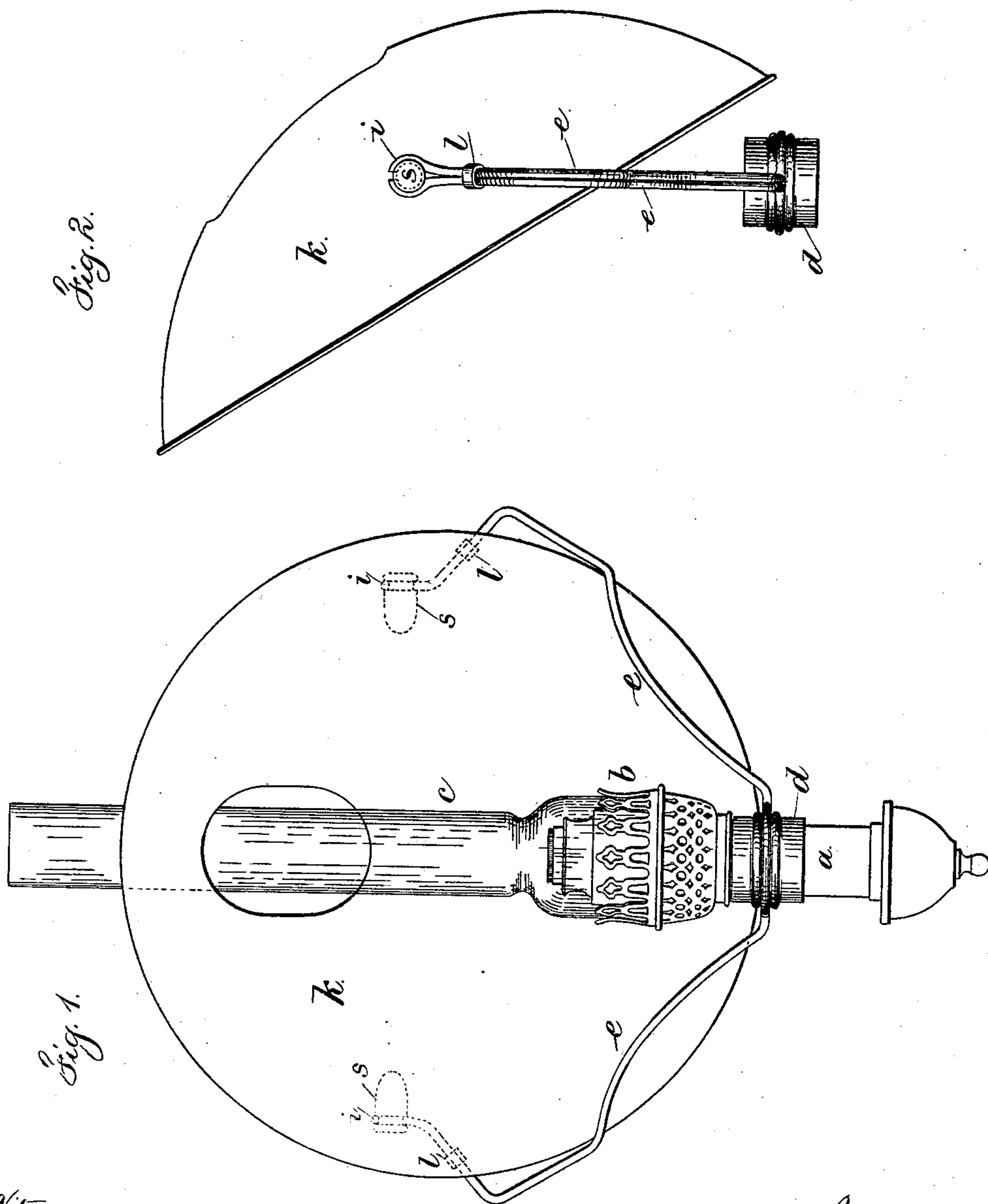


(No Model.)

J. H. WHITE.
REFLECTOR FOR LAMPS.

No. 262,713.

Patented Aug. 15, 1882.



Witnesses

Chas H. Smith
J. Staib

Inventor

James H. White.
per Samuel W. Terrell

att'y

UNITED STATES PATENT OFFICE.

JAMES H. WHITE, OF NEW YORK, N. Y., ASSIGNOR TO THE MANHATTAN BRASS COMPANY, OF SAME PLACE.

REFLECTOR FOR LAMPS.

SPECIFICATION forming part of Letters Patent No. 262,713, dated August 15, 1882.

Application filed June 19, 1882. (No model.)

To all whom it may concern:

Be it known that I, JAMES H. WHITE, of the city and State of New York, have invented an Improvement in Reflectors for Lamps, of which

5 the following is a specification.

Reflectors for lamps and lamp-shades have been supported by a ring around the chimney-holder. In these cases the reflector is moved as the chimney is revolved in raising and lowering the wick. In other instances the reflector has been supported independently of the burner.

In my present invention I support the reflector from the burner, so that the reflector always occupies the proper position to the lamp-chimney; but the support is independent of the chimney-holder, so that the same can be revolved without moving the reflector. I also connect the reflector to its supporting-arms by frictional holding-fingers that can be opened for detaching the reflector or clamped with sufficient force to hold the reflector in any position to which it may be moved.

In the drawings, Figure 1 is a front view of the lamp-burner and the reflector, and Fig. 2 is a side view of the reflector and its support detached from the lamp.

The lamp-burner is of any desired character. The wick-tube *a* is below the chimney-holder *b*, and the chimney *c* is supported by the holder. The collar *d* is around the wick-tube *a*, below the chimney-holder, so as to be independent thereof. In cases where this reflector is applied to a student-lamp, the collar *d* will rest upon the hub of the lateral oil-tube. In other kinds of burners it may be supported in any desired manner. This collar can be slipped off the wick-tube endwise when not required or when being packed for transportation. From the collar *d* there are arms *e e*,

extending outwardly and upwardly and terminating as frictional fingers or clamps *i i*, for receiving and holding the lugs *s* that are fastened upon the outer surfaces of the reflector *k*. This reflector will usually be parabolic and of thin sheet metal highly polished on the inside, and with a hole in it for the chimney to pass through. The lugs are round-ended, with a groove or bead for the fingers *i*, and such fingers *i* are confined by the sliding clamps *l* upon the wire arms, so that there will be sufficient friction between the fingers and the lugs for holding the reflector in any position to which it may be turned.

By sliding down the clamps *L* the fingers may be opened and the reflector separated, so that less space will be required in packing the lamps for shipment. The interior of the reflector being free from projections, there is nothing to interfere with the cleaning of the same or to cast a shadow.

I claim as my invention—

1. The combination, with the reflector, of the lugs upon the outside, the arms with frictional grasping-fingers at the ends, and the collar *d*, substantially as set forth.

2. The combination, with the lamp-burner, of a reflector having an opening for the chimney, lugs on the outside of the reflector, a collar around the lamp-burner below and independent of the chimney-holder, arms extending up to the lugs, and clamping-fingers, substantially as set forth.

Signed by me this 16th day of June, A. D. 1882.

JAMES H. WHITE.

Witnesses:

GEO. T. PINCKNEY,
WILLIAM G. MOTT.