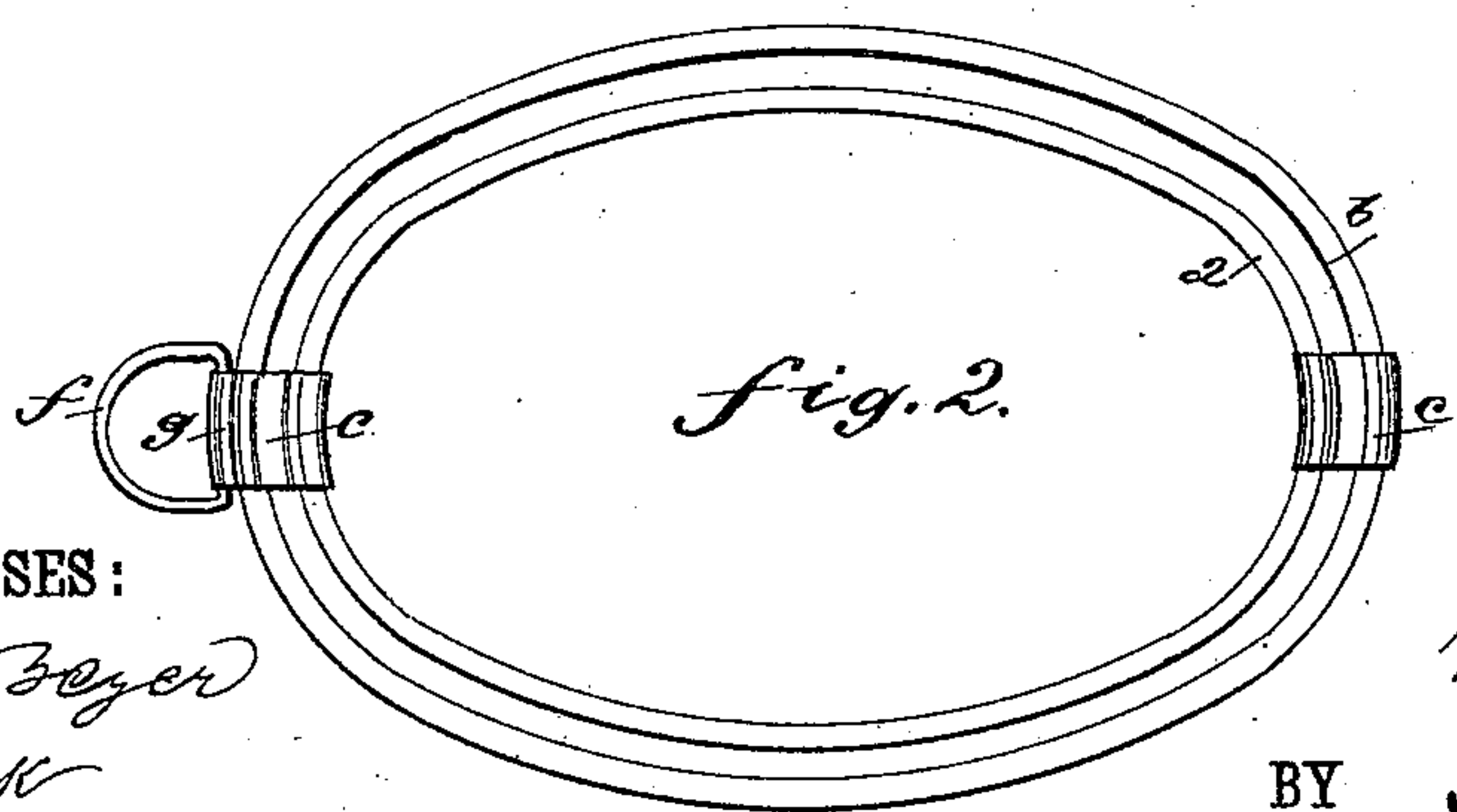
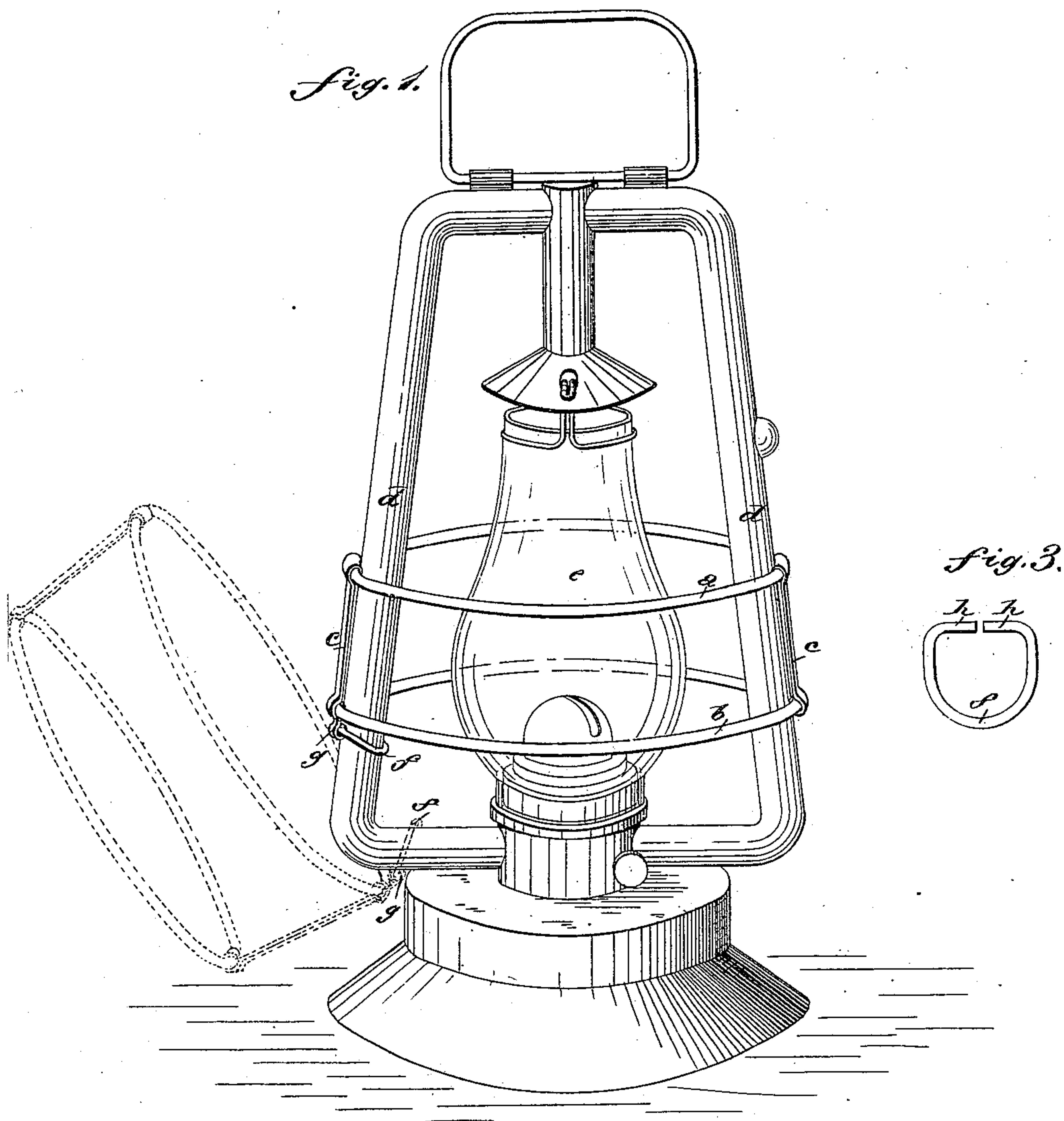


(No Model.)

D. CURTIN.
LANTERN.

No. 270,397.

Patented Jan. 9, 1883.



WITNESSES:

Wm Beyer
C. Sedgwick

INVENTOR:

D. Curtin

BY

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ATTORNEYS.

UNITED STATES PATENT OFFICE.

DAVID CURTIN, OF JAMESTOWN, DAKOTA TERRITORY.

LANTERN.

SPECIFICATION forming part of Letters Patent No. 270,397, dated January 9, 1883.

Application filed June 29, 1882. (No model.)

To all whom it may concern:

Be it known that I, DAVID CURTIN, of Jamestown, in the county of Stutsman and Territory of Dakota, have invented a new and useful Improvement in Lanterns, of which the following is a full, clear, and exact description.

My invention relates to tubular lanterns; and it consists of a connection of the guard for the globe, whereby the said guard may be as readily detached as now for the removal of the globe, but will remain connected, so that the loss of the guards, now so common, will be prevented, as hereinafter fully described.

Reference is to be had to the accompanying drawings, forming part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a side elevation of a lantern with the guard attached according to my invention. Fig. 2 is a top view of the guard, and Fig. 3 is a plan view of the ring which I prefer to employ for attaching the guard.

The guard commonly used with tubular lanterns consists of a couple of rings, *a b*, connected to concave bars *c* in suitable form and arrangement to drop down on the tubes *d* from the top and rest in about the position shown in Fig. 1 for the protection of the globe *e*, said guard being so as to be shifted upward readily whenever it may be necessary to remove the globe, and being detachable thereby, so that such guards are frequently lost. I therefore propose to connect these guards to the lantern by a ring, *f*, fitted around one of the tubes, as

shown, and connected with one of the bars *c* by an eye-clip, *g*, turned on it below the eye, in which the ring *b* is secured to it. For the purpose of enabling the guard to swing off from the top and over to one side of the lantern, as shown in the dotted lines, Fig. 1, I prefer to make the eye-clip *g* straight across the end of the bar to form a hinge-joint by the straight parts *h* of the ring, and I make the ring with the joint between the ends on said straight part, to open thereat for springing the ring into the eye-clip, and also so that the eye-clip will form a connection, or at least cover the opening between them.

The ring may be solid and soldered into the eye-clip *g* at the factory, but I prefer the open ring, as the old style of packing at the factory can be used and the retailer can attach the guards.

The guard may be removed, the same as before, for the removal of the globe by sliding it and its connecting-ring up to the top of the tubes, and, if desired, may then be let drop down to the tube on which the ring is fastened, as shown by the dotted lines in Fig. 1.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

The guard *a b c* of a tubular lantern, connected to one of the tubes *d* by a ring, *f*, substantially as described.

DAVID CURTIN.

Witnesses:

DE WITT C. FLINT,
EDSON D. STRONG.