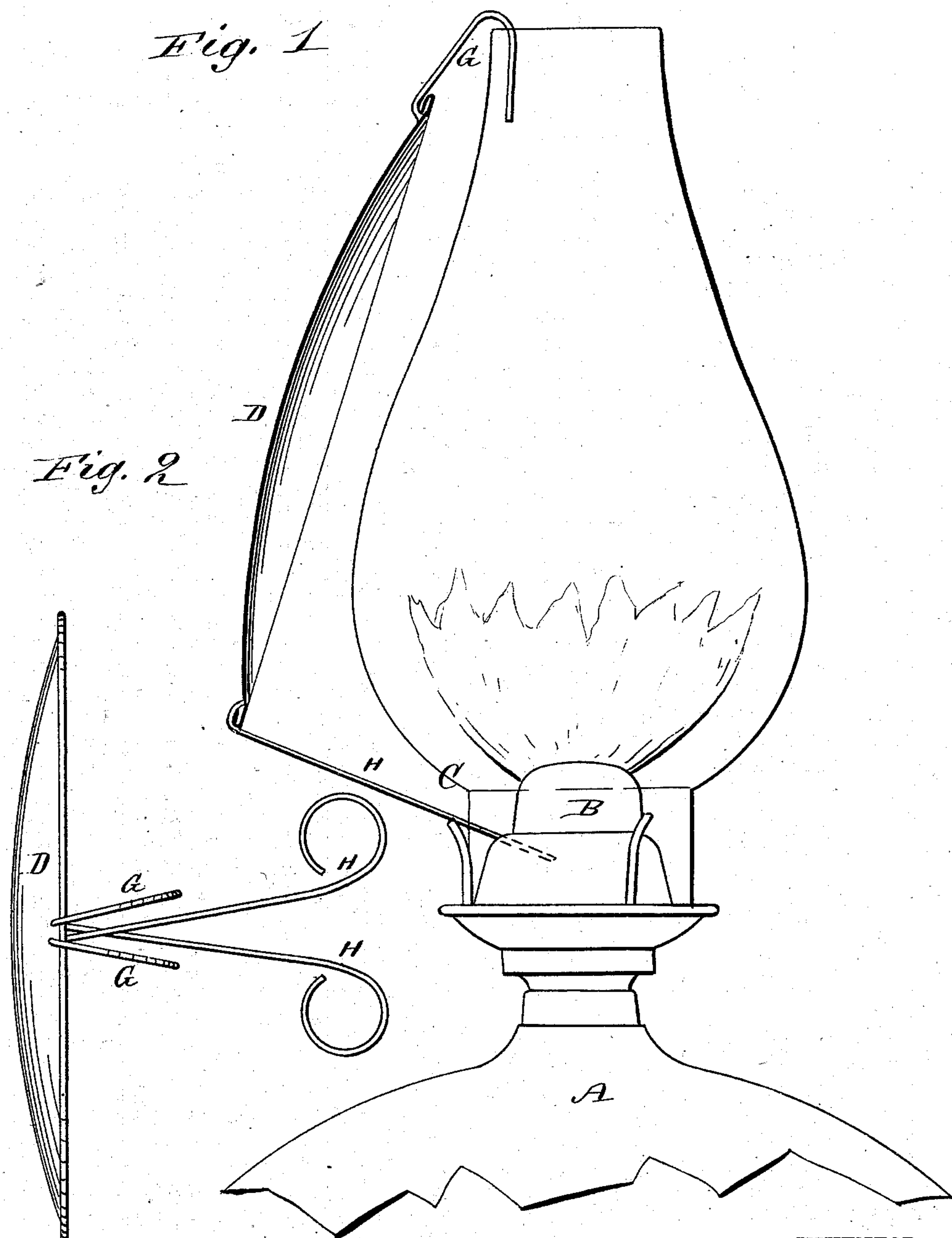


(Model.)

H. F. W. SEELE.
REFLECTOR FOR LAMPS.

No. 278,610.

Patented May 29, 1883.



WITNESSES:

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INVENTOR:

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UNITED STATES PATENT OFFICE.

HENRY F. W. SEELE, OF ROLLA, MISSOURI.

REFLECTOR FOR LAMPS.

SPECIFICATION forming part of Letters Patent No. 278,610, dated May 29, 1883.

Application filed March 19, 1883. (Model.)

To all whom it may concern :

Be it known that I, HENRY F. W. SEELE, of Rolla, in the county of Phelps and State of Missouri, have invented certain new and useful Improvements in Reflectors for Lamps, of which the following is a full, clear, and exact description.

The object of my invention is to produce a cheap and efficient reflector for lamps of various kinds using chimneys, including ordinary coal-oil and other like lamps; and it consists in a readily attachable and detachable reflector provided with means capable of being flexed into different positions for supporting the reflector on or by the lamp-chimney, and of adjusting it into different positions to answer different purposes or uses, substantially as hereinafter 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 both the figures.

Figure 1 represents a side elevation of a lamp with chimney, and having my improved reflector, which is shown in section, applied. Fig. 2 is a top view of the reflector detached.

A in the drawings indicates the body, B the burner, and C the chimney, of an ordinary coal-oil or other lamp.

D is the tin or other reflector, which may be of the usual circular form, and of concave shape on its face. Secured to the top or upper edge portion of said reflector are wire claws or hooks G G, arranged to project in front of the reflector, and bent downward at their forward ends to provide for their hooking onto and over the top edge of the chimney on its one side for the purpose of supporting the reflector at its top and of holding it set out a proper distance from the chimney at such part.

H H are wire stays or braces attached to the lower edge portion of the reflector, and arranged to project in a diverging manner in front of it, and with their front ends bent or rounded to cause said braces to easily hug or receive partly within them the lower portion of the chimney C, and to keep the reflector set out its proper distance at its bottom from the chimney.

The claws G G and the braces H H should

be made of material that will admit of their being easily flexed by hand to modify their shape and positions relatively to each other and the reflector, but that will retain any shape and position that may be given them when they are used to support and hold the reflector in position on the lamp. Figs. 1 and 2 of the drawings show said hooks G and braces H as adjusted and bent to support and hold the reflector D in a suitable position on and relatively to the chimney and burner of the lamp to perform its ordinary and proper function as a reflector by giving it the requisite angle it should bear to the flame. By slightly straightening out, however, the hooks or claws G and bending the stays or braces H somewhat further apart than shown in Fig. 2, the reflector D will then, when sustained by the chimney, as described, be made to occupy a lower position relatively to the flame, and it will then be converted into a simple shield for use in a sick-room or elsewhere; or, again, by straightening the stays H the reflector may be adjusted into a position which will adapt it to act as an ordinary lamp-shade. In both of these last positions (and it may be made to assume others besides) it will cast no shadow or have any darkening effect on the portion of the room designed to receive the light.

The reflector D itself may be made of any material that will present a bright or polished face, and that will admit of the attachment of the claws G and braces or stays H.

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

The combination, with a lamp-chimney and reflector, of the front projecting hooks, G G, bent at the forward ends, and the front projecting diverging braces, H H, bent at their front ends, said hooks and braces being made of material adapted to be flexed, as described, whereby the local relation of the reflector to the chimney may be varied, as described.

HENRY F. W. SEELE.

Witnesses:

SAML. B. ROWE,
J. G. BEADISH.