

No. 612,621.

Patented Oct. 18, 1898.

R. J. WILSON.
LAMP BURNER.

(Application filed Sept. 14, 1897.)

(No Model.)

Fig. 1.

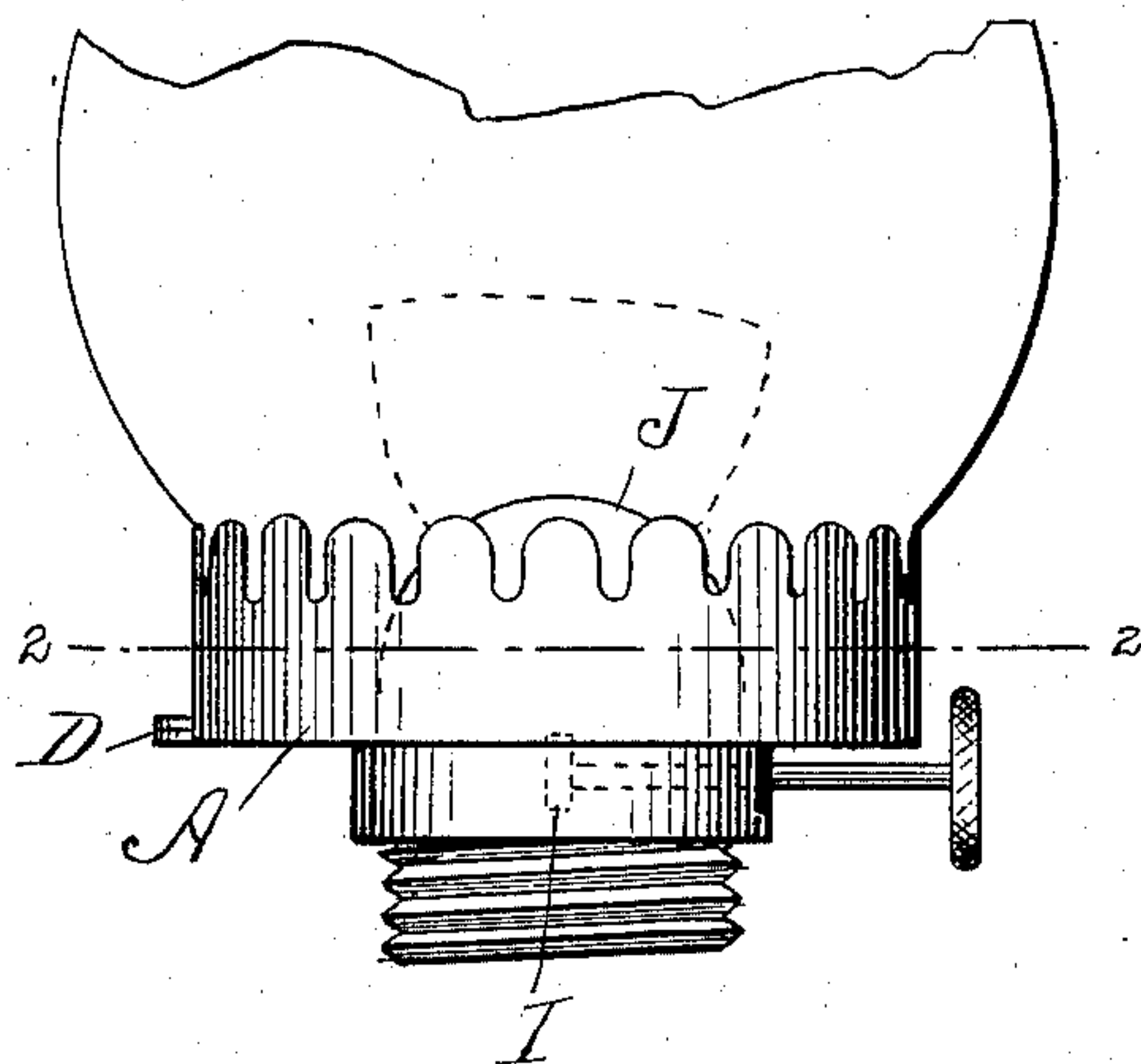


Fig. 2.

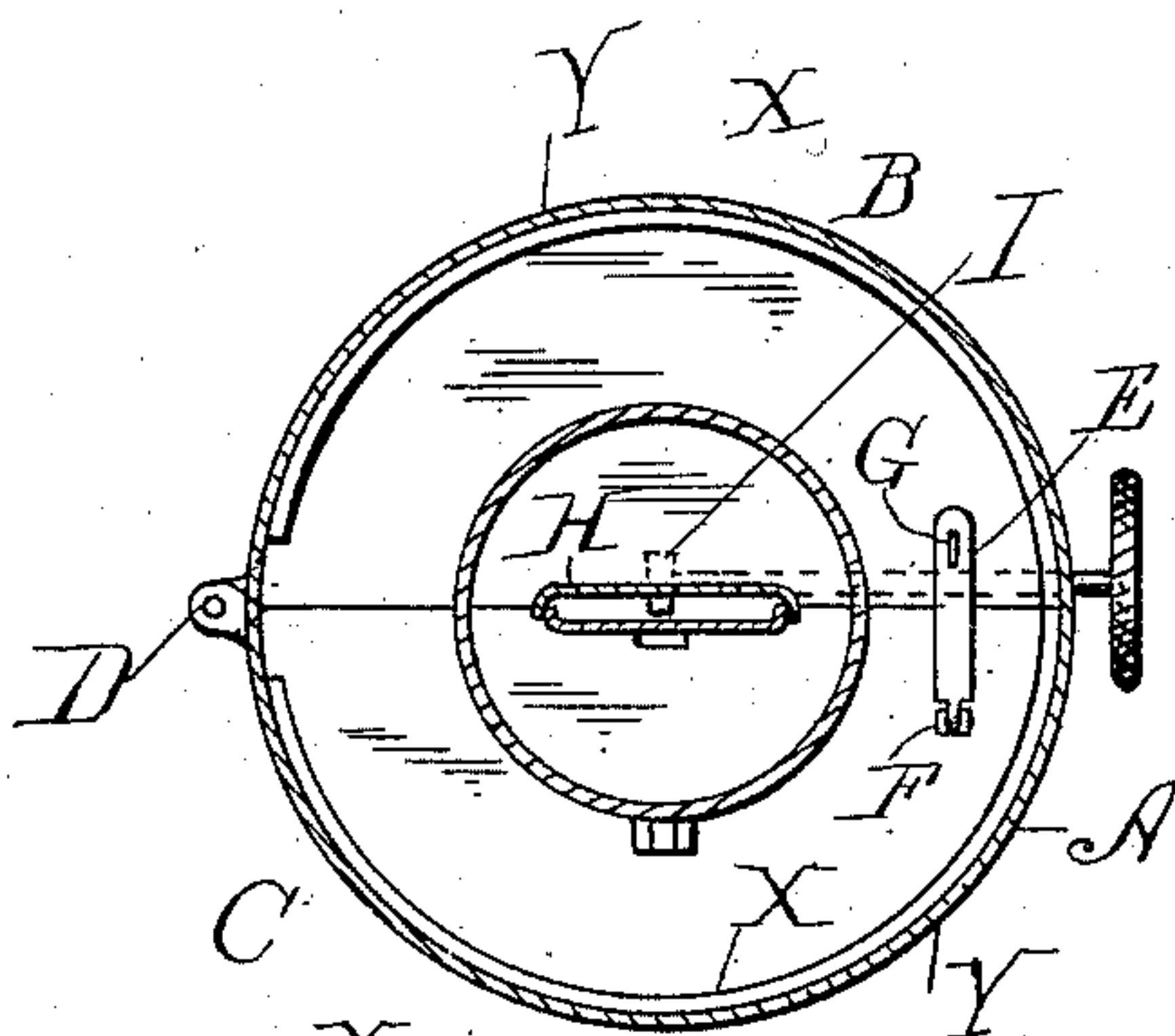
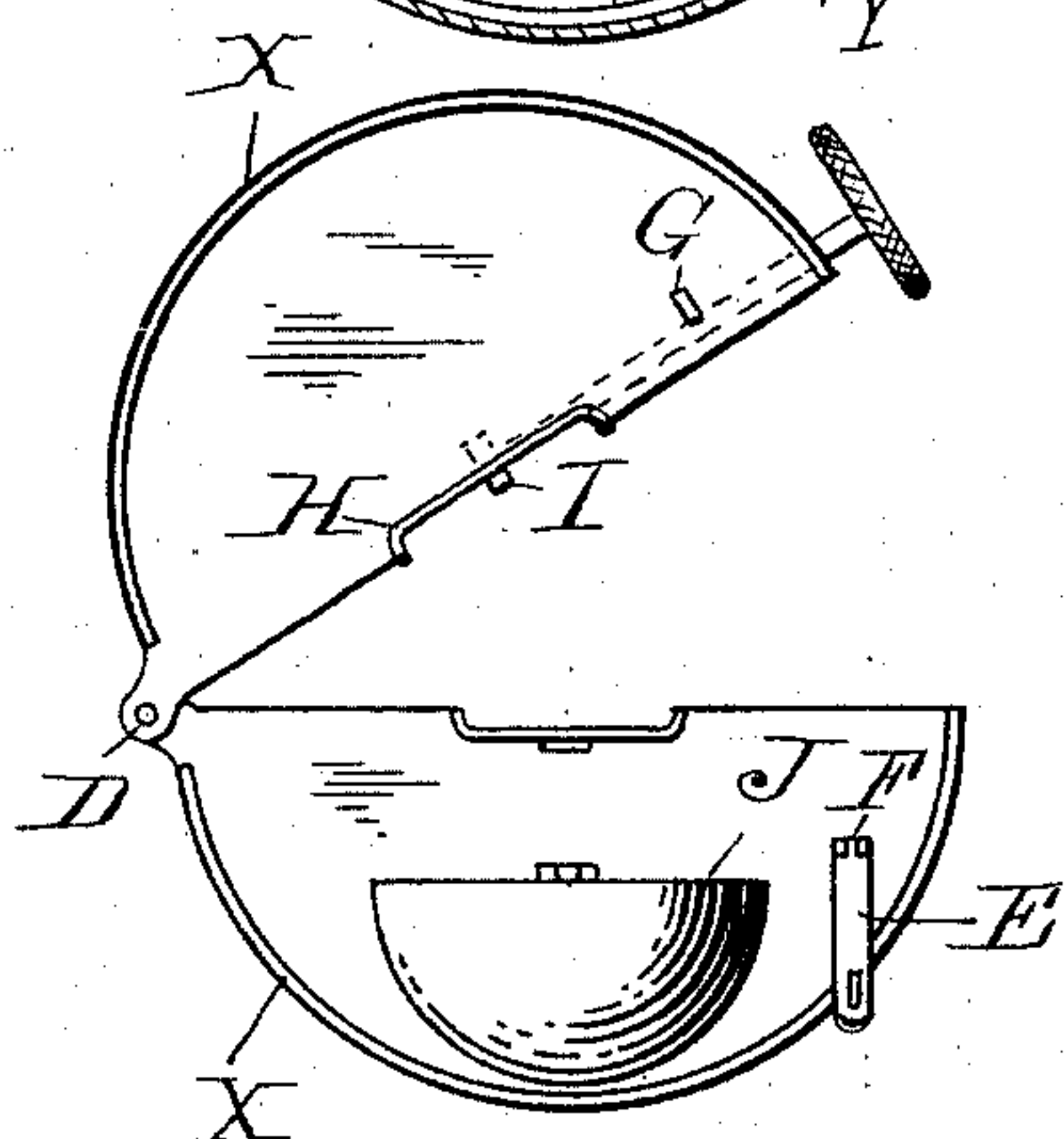


Fig. 3.



Witnesses;
Jonathan Cilley.
A. Williamson

Inventor,
Robert J. Wilson,
By Geo. H. Holgate
Attorney.

UNITED STATES PATENT OFFICE.

ROBERT J. WILSON, OF SEATTLE, WASHINGTON.

LAMP-BURNER.

SPECIFICATION forming part of Letters Patent No. 612,621, dated October 18, 1898.

Application filed September 14, 1897. Serial No. 651,599. (No model.)

To all whom it may concern:

Be it known that I, ROBERT J. WILSON, a citizen of the United States, residing at Seattle, in the county of King and State of Washington, have invented a certain new and useful Improvement in Lamp-Burners, of which the following is a specification.

My invention relates to a new and useful improvement in lamp-burners, and has for its object to provide a simple, cheap, and effective arrangement whereby the wick-tube of the burner may be thrown open, so as to readily remove an old wick or insert a new one, and yet when the burner is in its normally-closed position it will perform all the functions of an ordinary burner.

With these ends in view this invention consists in the details of construction and combination of elements hereinafter set forth, and then specifically designated by the claim.

In order that those skilled in the art to which this invention appertains may understand how to make and use the same, the construction and operation will now be described in detail, referring to the accompanying drawings, forming a part of this specification, in which—

Figure 1 is a side elevation of a burner made in accordance with my improvement; Fig. 2, a section at the line 2 2 thereof, looking downward and illustrating the manner of hinging the sections of the burner together and of securing them in their normal position; and Fig. 3, a plan view of the burner, the cap being removed, showing the sections thereof swung open.

In carrying out my invention as here embodied, A represents the burner, which is made of two sections B and C, hinged together at D, so that when closed they will form a complete burner having the appearance and function of an ordinary burner of this description. A hasp or hook E is pivoted at F to one of the sections of the burner and is adapted to enter into engagement with the staple or pin G, carried by the opposite section, in order that when the burner is closed its sections may be securely held in this position. The wick-tube H, as here shown, is also made in two sections, one of which is so arranged that the edges overlap the opposite edges of said tube when the burner is closed for the purpose of making a more secure joint at this point to prevent the escape of oil from the wick. From this description it will be

seen that when it is desired to place a wick within the tube the burner may be readily opened by the removal of the chimney-retainer and by the release of the hasp E, and when so opened the wick may be laid within one section of the tube and the other section closed thereon in closing said burner, after which the wick-raiser I, when properly manipulated, will either raise or lower the wick in the usual manner, and when it becomes necessary to remove this wick and replace another therefor this is likewise quickly accomplished by the release of the hasp and the opening of the sections of the burner, which also open the wick-tube, loosening the wick and permitting its ready removal, it being noted that the cap J is to be first swung out of its normal position. Around the curved edge of each of the sections I provide a flange X, over which the annular chimney-retainer Y is adapted to fit and be held thereon by frictional contact, thus making the use of the hasp unnecessary.

From the foregoing it is clear that the many inconveniences which have heretofore existed in connection with an oil-lamp burner and in the changing of the wick therefor will be entirely overcome by my improvement, and yet the cost of the same will be but little in advance of burners of the ordinary construction.

The size of the cap J may be increased, so as to cover the hasp when in normal position.

Having thus fully described my invention, what I claim as new and useful is—

A lamp-burner consisting of two semicircular sections, each having an ear formed at one corner thereof by means of which the sections are pivoted together, a longitudinal half of a wick-tube on the straight side thereof, and a flange on the curved side, a cap hinged to one side to swing over the wick-tube when the sections are closed, and an annular chimney-retainer formed of a band of sheet metal adapted to fit on the flanges and be held thereon by frictional contact, substantially as described.

In testimony whereof I have hereunto affixed my signature in the presence of two subscribing witnesses.

ROBERT J. WILSON.

Witnesses:

EUGENE CHILBERG,
JAMES F. LANE.