(No Model.) 2 Sheets—Sheet 1.

S. G. STODDARD.

LAMP BURNER.

No. 451,140. Patented Apr. 28, 1891.

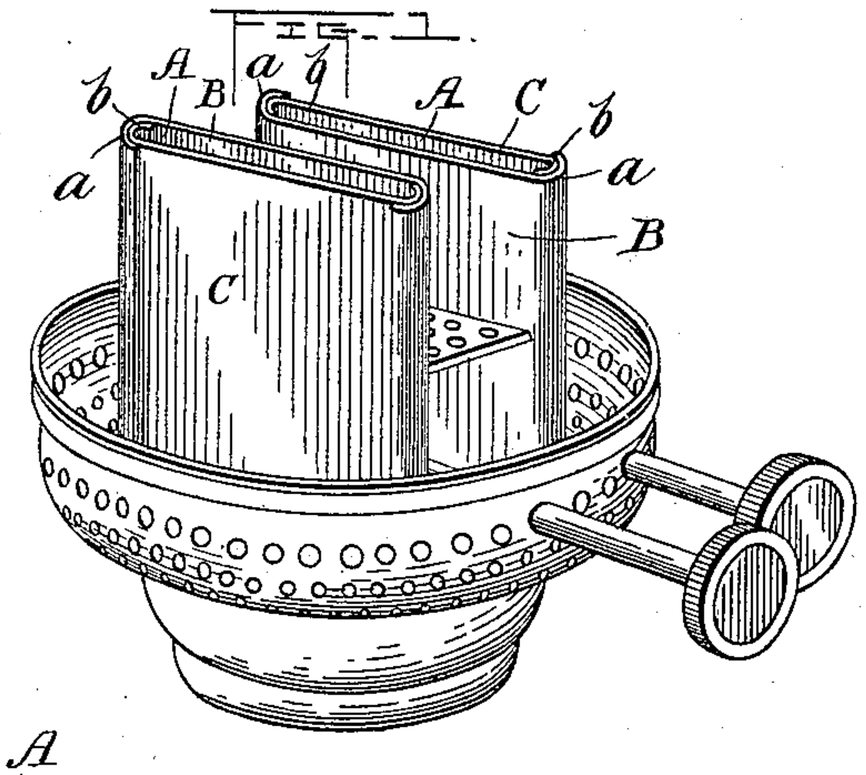


FIG. 2.

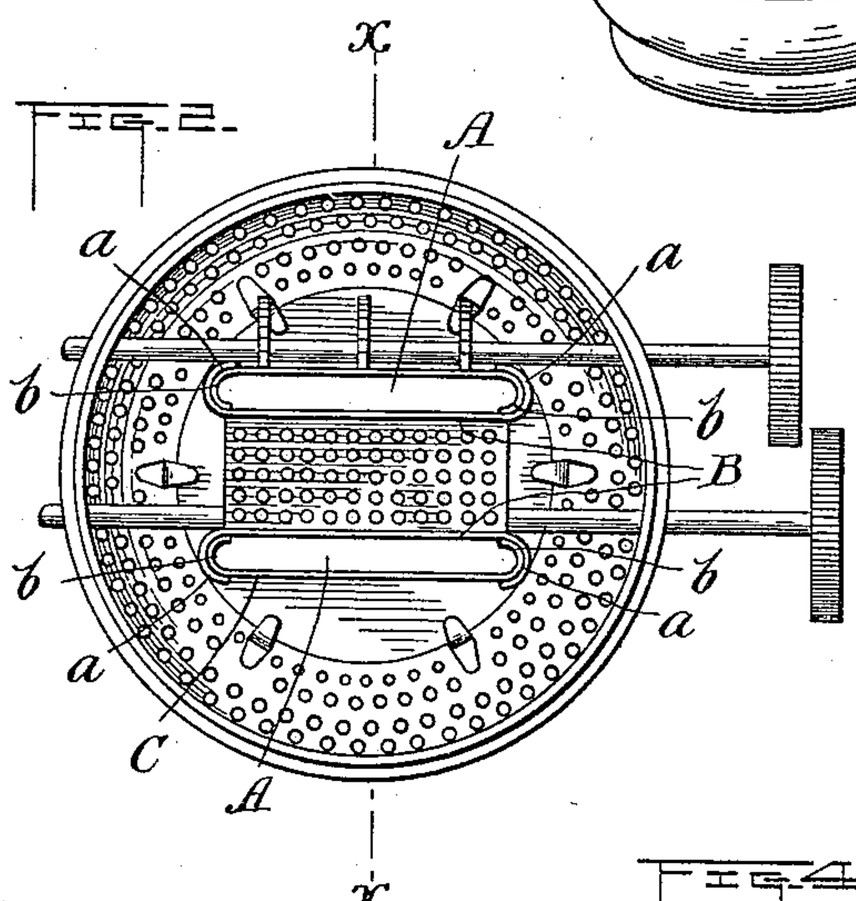
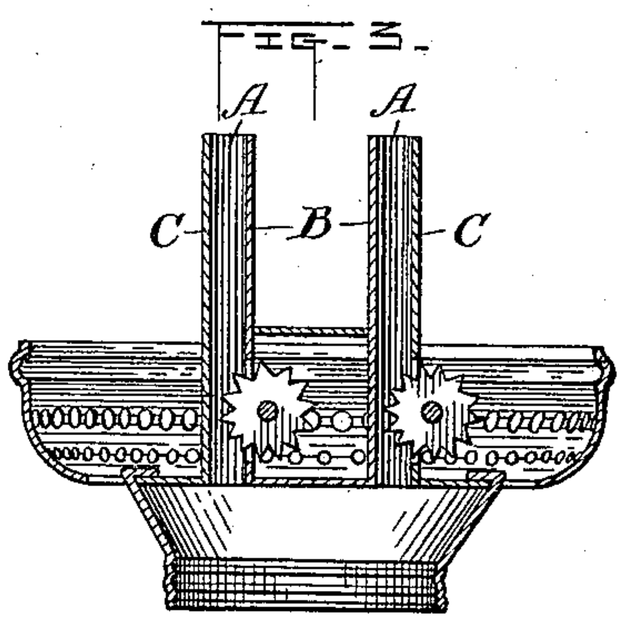
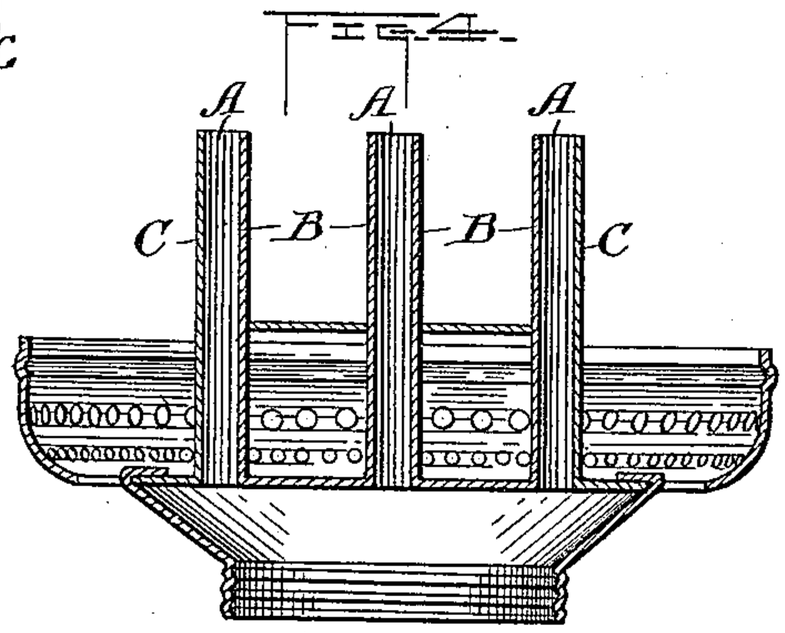


FIG. 3.





WITNESSES

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INVENTOR

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by F. H. Smith, Jr.

his Atty.

(No Model.) 2 Sheets—Sheet 2.

S. G. STODDARD.

LAMP BURNER.

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Fig. 5.

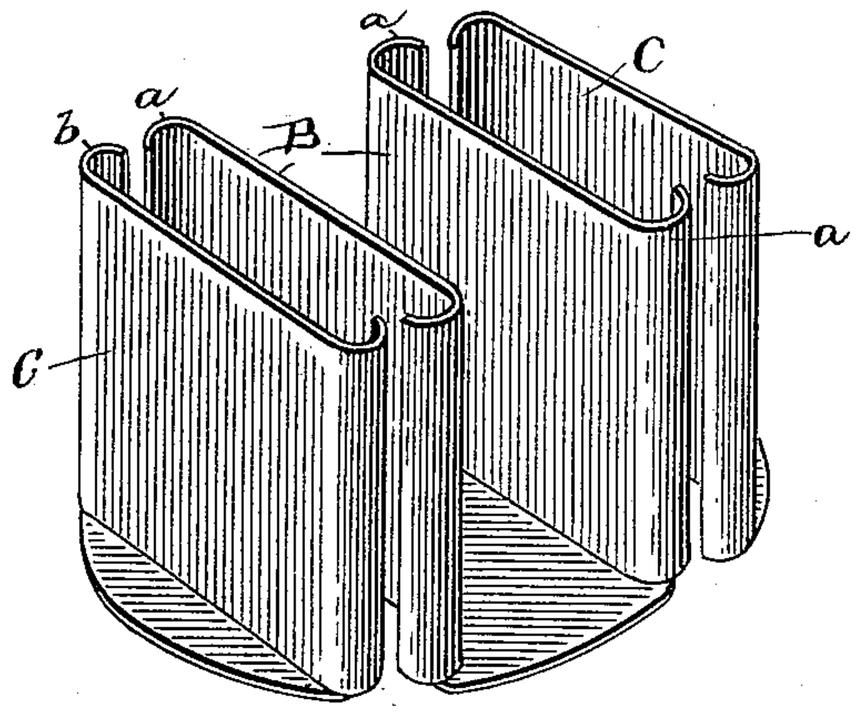
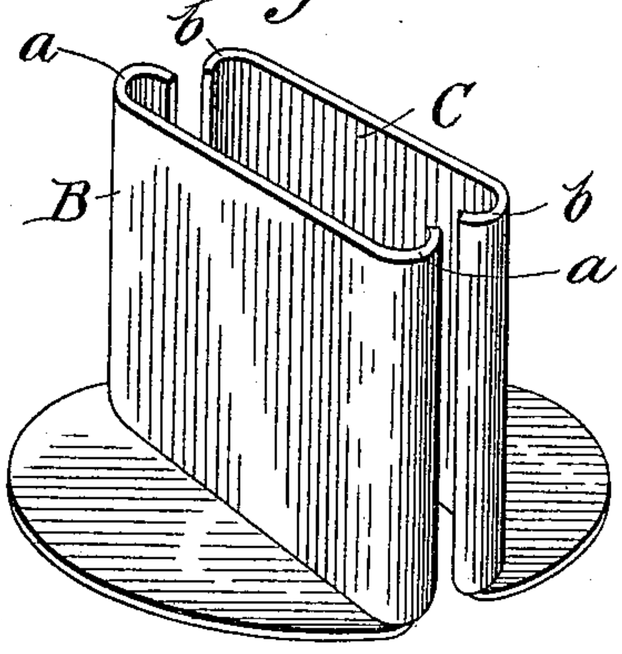


Fig. 6.



Witnesses
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UNITED STATES PATENT OFFICE.

SAMUEL G. STODDARD, OF BRIDGEPORT, CONNECTICUT, ASSIGNOR TO THE BRIDGEPORT BRASS COMPANY, OF SAME PLACE.

LAMP-BURNER.

SPECIFICATION forming part of Letters Patent No. 451,140, dated April 28, 1891.

Application filed November 3, 1890. Serial No. 370,253. (No model.)

To all whom it may concern:

Be it known that I, SAMUEL G. STODDARD, a citizen of the United States, residing at Bridgeport, in the county of Fairfield and State of Connecticut, have invented certain new and useful Improvements in Lamp-Burners; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention refers to lamp-burners, but has especial reference to the construction of the wick-tubes, and has for its object to simplify the manufacture of such tubes.

In the accompanying drawings, Figure 1 is a perspective view showing a lamp-burner made in accordance with my improvement; Fig. 2, a plan view of such burner; Fig. 3, a section at the line *x x* of Fig. 2, and Fig. 4 a view similar to Fig. 3, but showing my invention applied to the construction of a three-tube burner. Fig. 5 is a perspective view showing the wick-tubes detached from the burner. Fig. 6 is a view of a single wick-tube lamp-burner.

Similar letters denote like parts in the several figures.

My invention resides in the broad ideas, first, in forming the complementary walls of wick-tubes from two generally L-shaped metallic blanks; second, in making the deck of the burner integral with the tube walls, and, third, in forming the adjacent walls of multiple wick-tubes from a single strip or blank of metal, all of which will be best understood from the following description.

Referring to Figs. 1, 2, and 3, A are the wick-tubes, the adjacent walls B whereof are formed by bending a single strip or blank of metal into U shape. The complementary walls C of the tubes consist of separate L-shaped strips or blanks of metal, the walls B and C being provided along their lateral edges with interlocking flanges *a b*. I do not, however, wish to be limited to this particular flanged construction of the tube walls with a view to securing the latter together, since there are various ways of joining the edges of said walls, all of which are very ordinary and are entirely within the scope of the usual mechanical skill. It will be evident that the bases of the L and U sections form the deck of the burner without the addition of any other parts, and this is an important feature of my invention.

Of course it will be readily understood that my invention is applicable to the construction of one, two, or more tubes, and I have illustrated at Fig. 4 a three-tube burner which contains my improvement.

Where a burner has three or more wick-tubes the adjacent walls of all the inner tubes will be formed in pairs, each pair from a single strip or blank of metal, as shown in Fig. 4, and in any case (especially in the instance of a single tube) the outer complementary walls of the outer tubes are each constructed from separate L-shaped strips or blanks.

I claim—

1. A combined wick-tube and deck-plate for oil-burners, consisting of integral L-shaped blanks, the vertical walls whereof are united along their edges to constitute the wick-tube, while the bases of said blanks extend in a horizontal plane to form the deck or top of the reservoir, substantially as set forth.

2. The herein-described wick-tubes, the adjacent walls whereof are formed from single U-shaped blanks, while the outer walls are made from L-shaped metallic strips, substantially as set forth.

3. The hereinbefore-described improvement in the art of making wick-tubes for oil-burners, consisting in forming the adjacent walls of adjacent tubes from single U-shaped sections and making the outer walls of the end tubes from separate L-shaped sections, substantially as shown and described.

4. The herein-described improvement in the art of making wick-tubes for oil-burners, consisting in forming the adjacent walls of adjacent tubes from single U-shaped sections, making the outer walls of the end tubes from separate L-shaped sections, and uniting the complementary walls of the several tubes along their lateral edges, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

SAMUEL G. STODDARD.

Witnesses:

F. W. SMITH, Jr.,

J. S. FINCH.