

F. HEWITT.

Lamp Top.

No. 38,826.

Patented June 9. 1863.

Fig. 1

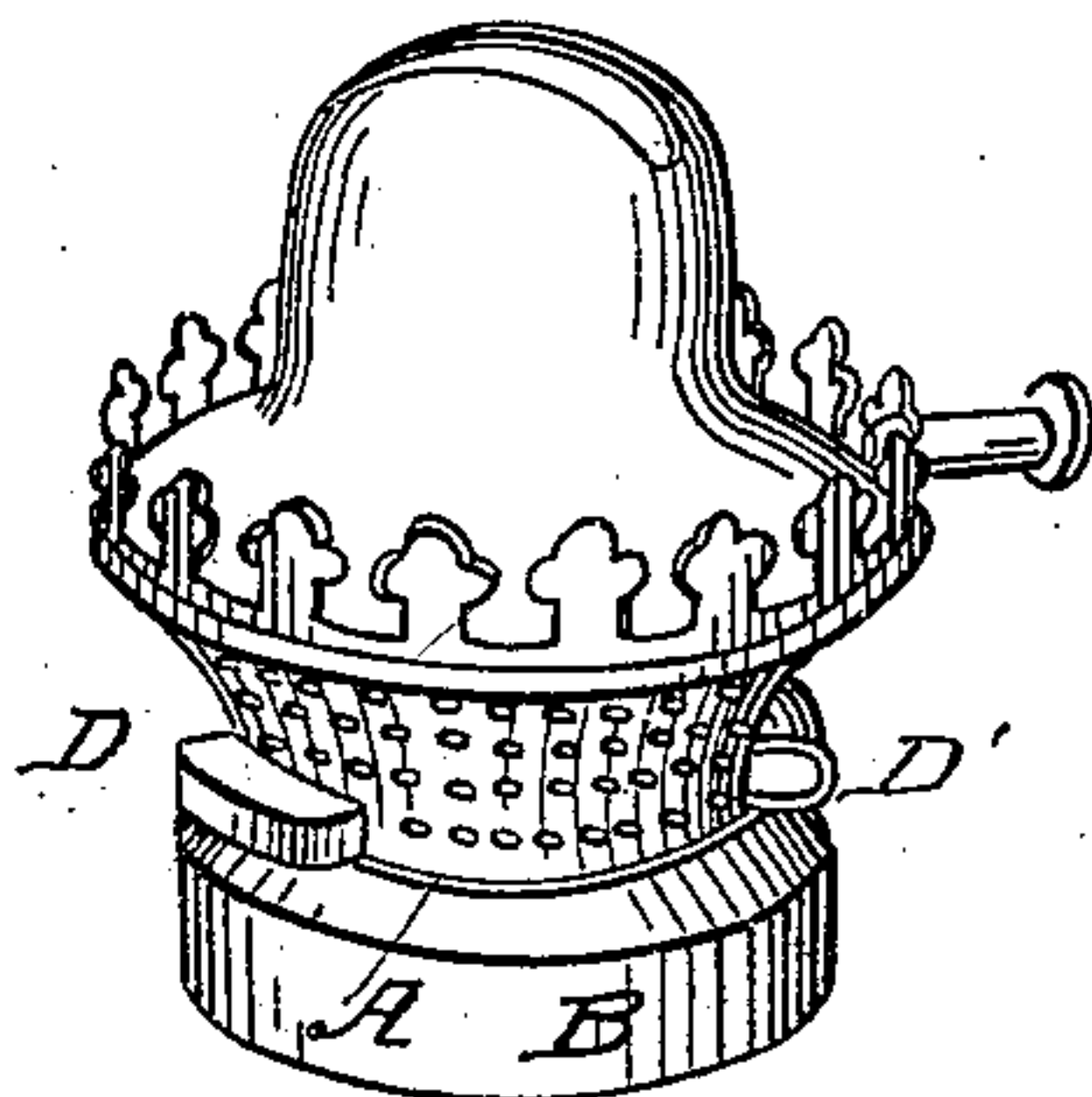


Fig. 2

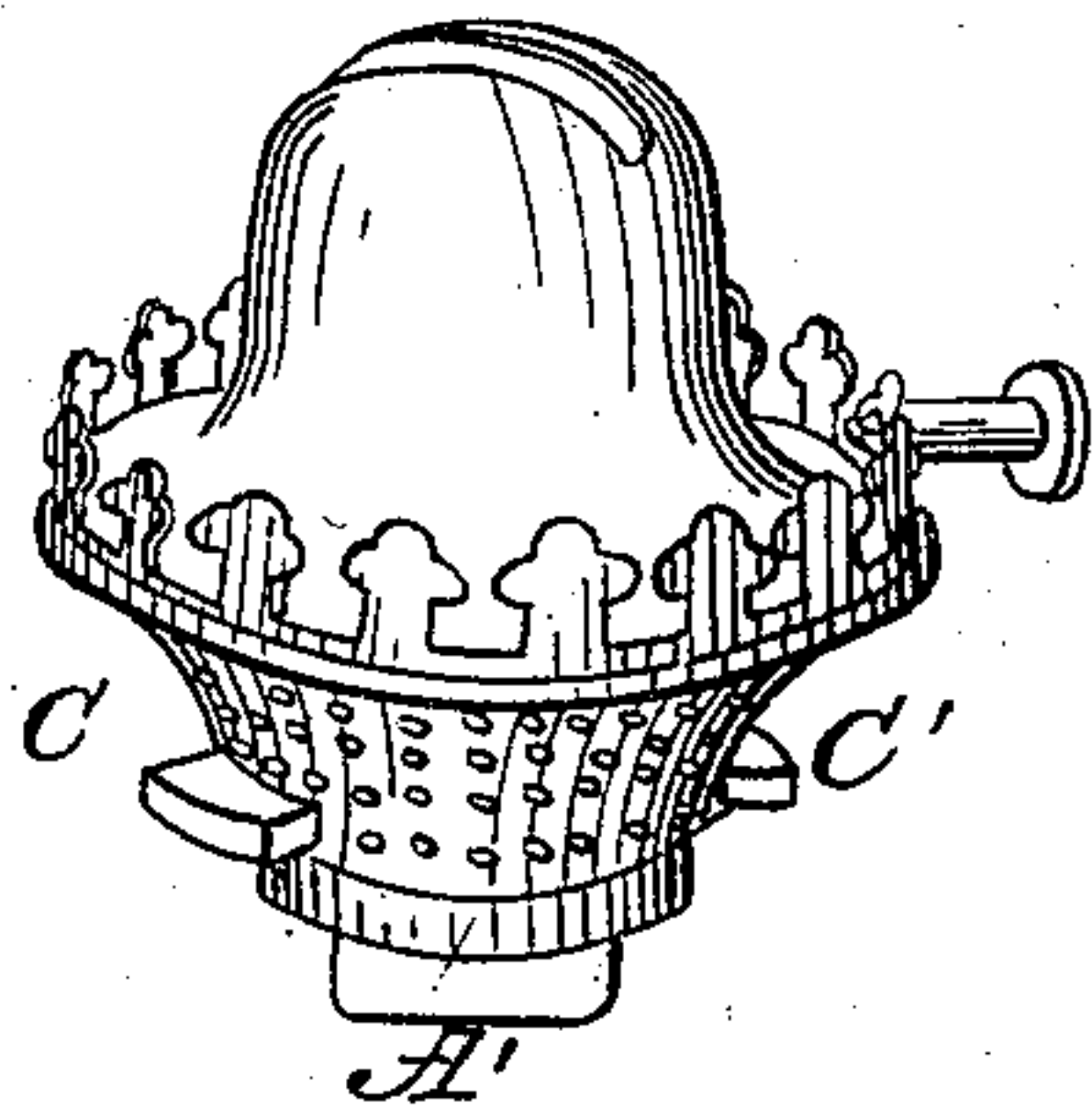
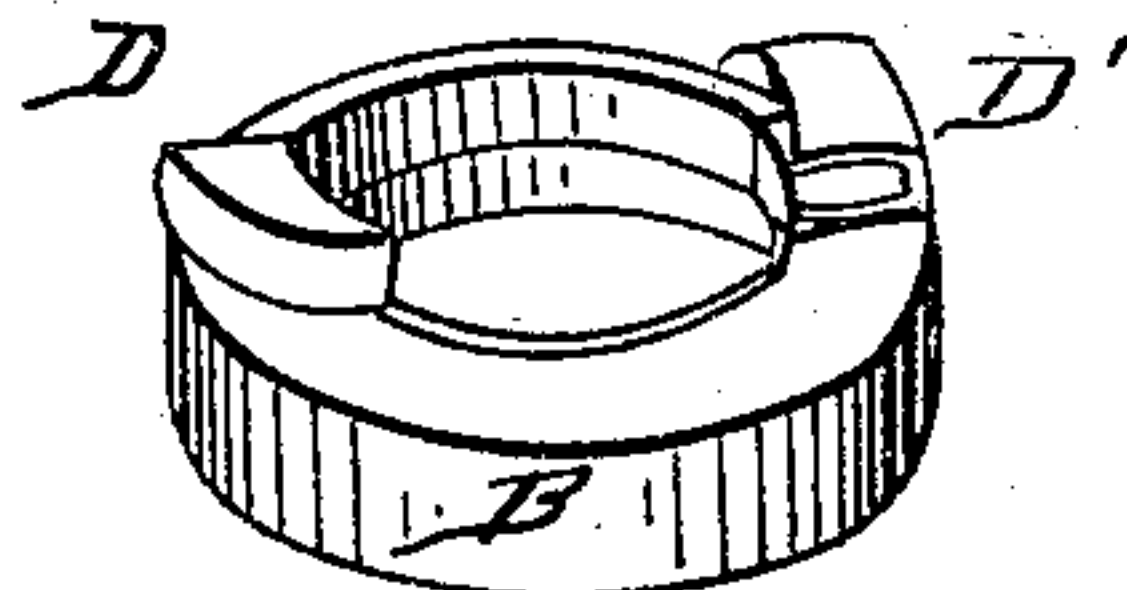


Fig. 3



Witnesses

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UNITED STATES PATENT OFFICE.

FREDERIC HEWITT, OF NEWARK, NEW JERSEY.

IMPROVEMENT IN LAMP-TOPS.

Specification forming part of Letters Patent No. 38,826, dated June 9, 1863.

To all whom it may concern:

Be it known that I, FREDERIC HEWITT, of the city of Newark, in the county of Essex and State of New Jersey, have invented a new and useful Improvement in Lamp-Tops; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a perspective view of a lamp-top, showing my improvement thereon at D D'; and Figs. 2 and 3 show the separate parts of the lamp top having my improvement thereon at C C' and D D'.

The same letters indicate like parts in all the figures.

The nature of my invention consists in dispensing with the screw-joint now used to connect the top or burner of the lamp to the main body of the lamp, and substituting in place thereof two wedge-shaped pieces or cams on one part and fitting into corresponding wedges, cavities, or sockets on the other part, thus forming the required joint in a more effective and simple manner than is now in use.

In the drawings, A is the top or burner. B is the top of the main body of the lamp, which is most generally made separate and soldered or fastened onto the body of the lamp. C C', Fig. 2, are wedges, cams, or projections forming a part of the top or burner of the lamp, substantially as shown. D D' are sockets or cavities fitted to receive the parts C C', and form a part of the top or top piece of the lamp. These cams or wedges and their corresponding parts may be made separate and soldered to their places, or they may be struck up or cast solid with the pieces of which they form a part. The shape, plan, and adjustment of the wedges C C' and the sockets D D' may be variously changed, adjusted, and modified,

without, however, affecting the character of my said invention. For example, the sockets D D' may be placed upon the part A, and C C' upon the part B, or one socket and wedge only may be exchanged, and the form and shape varied to facilitate the process of manufacture.

The advantages of my said invention are as follows: First. The screw as now employed is a constant source of difficulty by becoming worn, and by the frequent crossing of the threads in the act of adjustment, and when the parts are heated or expanded frequently become set and fastened together. All these disadvantages are obviated by my invention. Second. The parts as improved by me can be much more easily and quickly united and separated than by the present method. Third. Being heavy and strong, and presenting broad surfaces of contact, they will be far more durable than the screw.

I do not claim the fastening of two pieces generally by means of wedge-shaped pieces or cams, as that has been done on other articles—for instance, hose couplings; but

What I do claim as new and of my own invention, and desire to secure by Letters Patent of the United States, is—

1. The fastening together of the two specific parts of a lamp—viz., the top or burner and the main body or fluid-receptacle—by means of corresponding wedged-shaped pieces, substantially as described.

2. As new, the combination of the parts A, C C', B, and D D', substantially in the manner and for the purposes described, all being parts of a lamp, as herein set forth.

FREDERIC HEWITT.

Witnesses:

DANIEL F. TOMPKINS,
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