

(No Model.)

F. W. SEABURY.

DENTAL FLASK.

No. 283,928.

Patented Aug. 28, 1883.

Fig. 1.

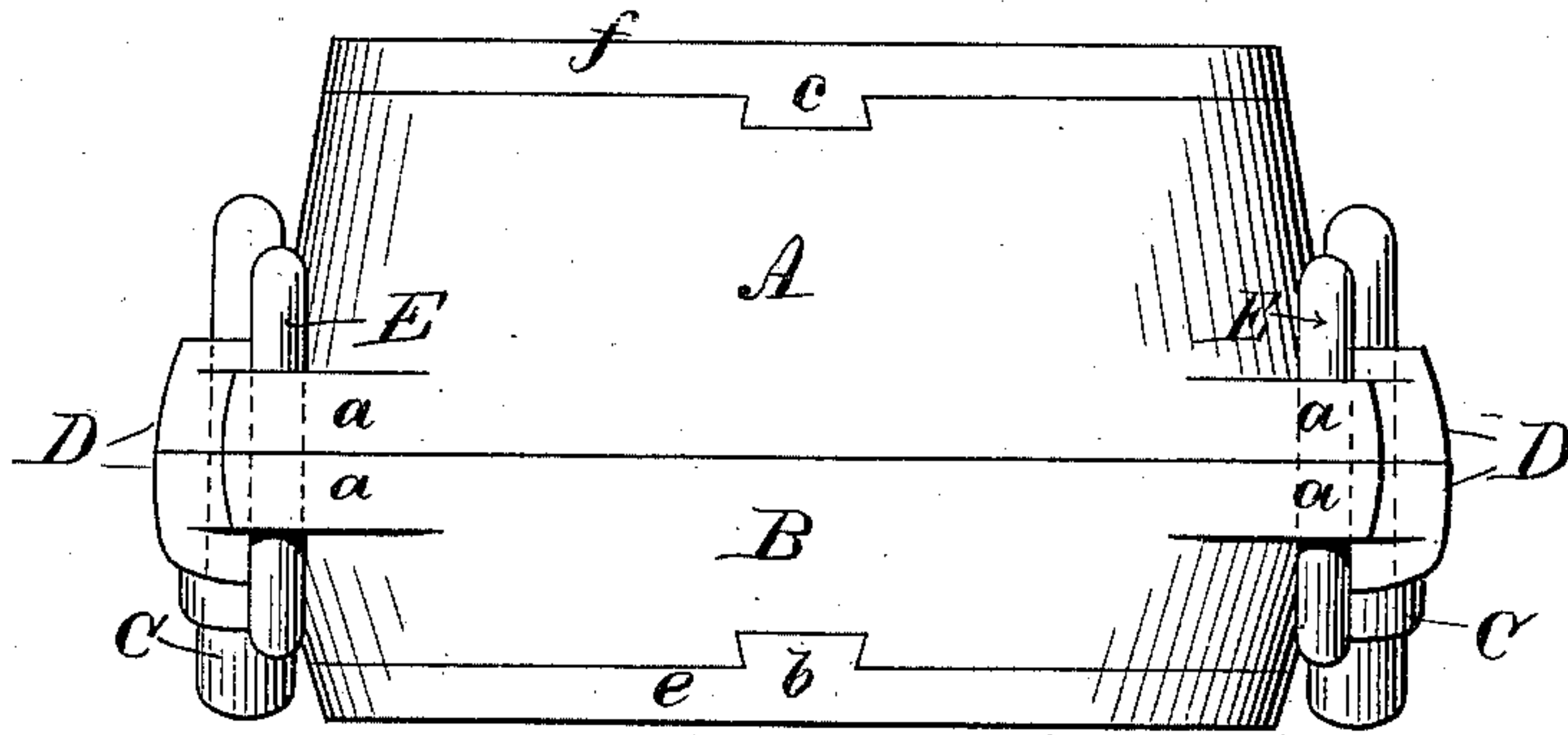
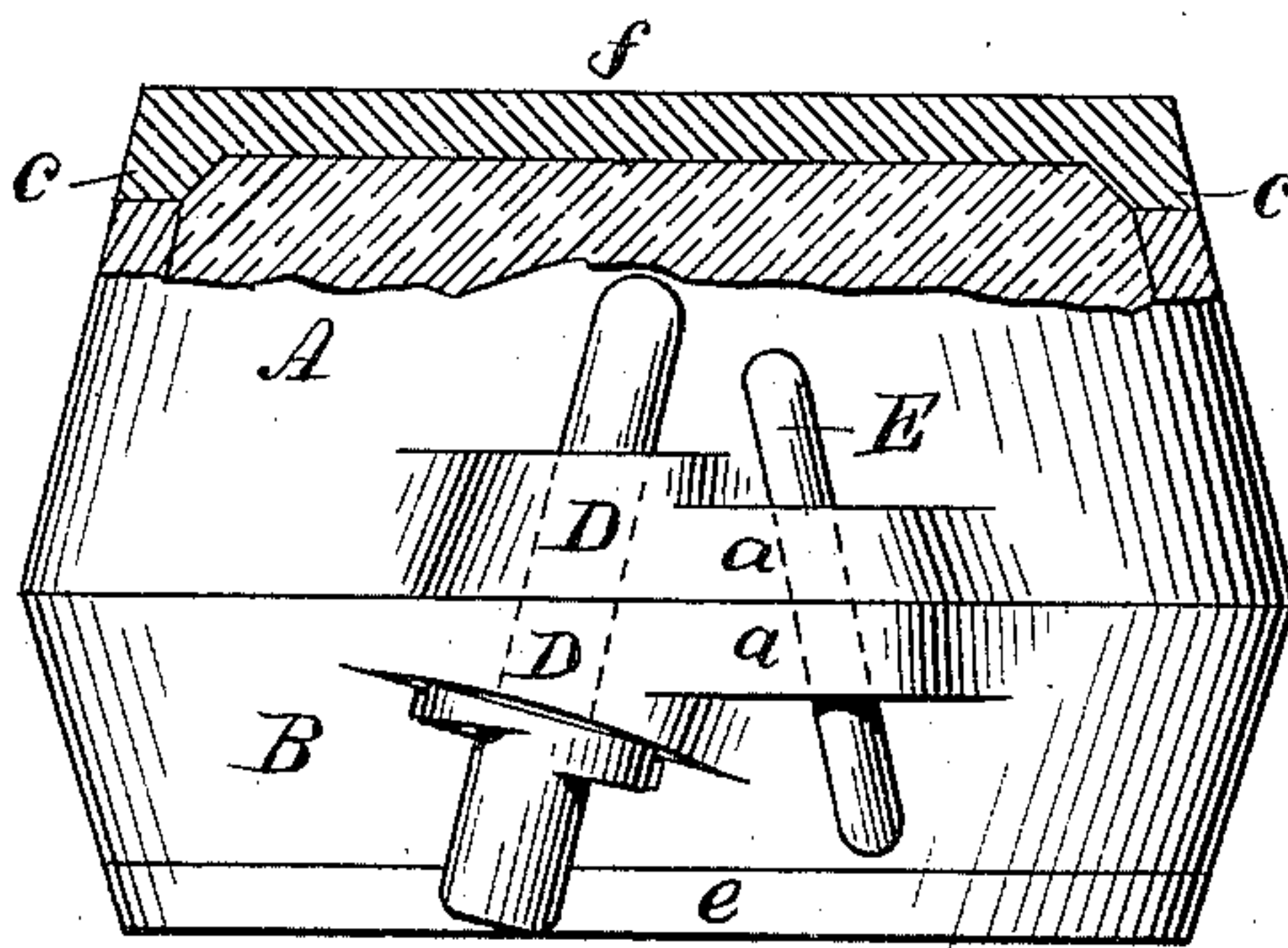


Fig. 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

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DENTAL FLASK.

SPECIFICATION forming part of Letters Patent No. 283,928, dated August 28, 1883.

Application filed June 9, 1883. (No model.)

To all whom it may concern:

Be it known that I, FREDERICK W. SEABURY, of the city and county of Providence, State of Rhode Island, have invented a new and useful Improvement in Dental Flasks; and I hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming part of this specification.

10 This invention has reference to an improvement in dental flasks; and it consists in the peculiar and novel construction of the flask by which locking-pins are placed at one side of the dowel-pins or guides, so that when the
15 cope or upper part of the flask is forced onto the nowel or lower part of the flask the locking-pins may be forced into place, and thereby lock the flask.

20 The invention also consists in forming dovetails onto the top and bottom plates of the flask for the purpose of holding the same in place, as will be more fully set forth hereinafter.

25 Figure 1 is a front view of a dental flask provided with the locking-pins and the dovetail. Fig. 2 is a side view of a dental flask, showing the position of the locking-pin and the bottom plate provided with the dovetails in section.

30 In the drawings, A is the cope or upper part of the flask. B is the nowel or lower part of the flask. C is an oblique guide-pin inserted into holes formed in the projections D D on the flask. E E are the locking-pins
35 inserted in the holes formed in the projections a a at an angle opposite to those formed in the projections D D, as is shown in Fig. 2.

40 In locked flasks it is also desirable that the top and bottom plates should be held in place during the process of vulcanization and while the flask is being handled in placing it into

and taking it out of the vulcanizer. For that purpose I form the dovetails *b* and *c* on the plates *e* and *f*, as is shown in Fig. 1, so that when the plaster-of-paris F, in which the mold
45 is formed, has set it will firmly hold the top and bottom plates and prevent them from being moved in any direction until it is desirable to place new plaster into the flask and form a new mold, when the old plaster is removed
50 by allowing the flask to soak in water until the plaster softens, when the plates may be readily detached from the cope and nowel and the plaster broken out from the flask. By
55 this arrangement for locking the two parts of a dental flask together and of holding the plates in position, a dentist may have several flasks ready to be placed in the vulcanizer, and as one flask is taken out another may be
60 placed therein without danger of moving the top or lower part of the flask, and thereby injuring his work.

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

1. In a dental flask, the combination, with
65 the pins or guide-pins by which the cope is held in place, of the locking-pins E E, constructed to securely lock the two parts of the flask together, as described.

2. The combination, with the obliquely-set
70 guide-pins C C, of the locking-pins E E, placed at such angle as will hold the two parts of the flask together when inserted, as described.

3. The combination, with the flask A and B, of the plates *e* and *f*, provided with dovetail
75 projections constructed to enter the flask and secure the plates, as described.

FREDERICK W. SEABURY.

Witnesses:

J. A. MILLER, Jr.,
M. F. BLIGH.