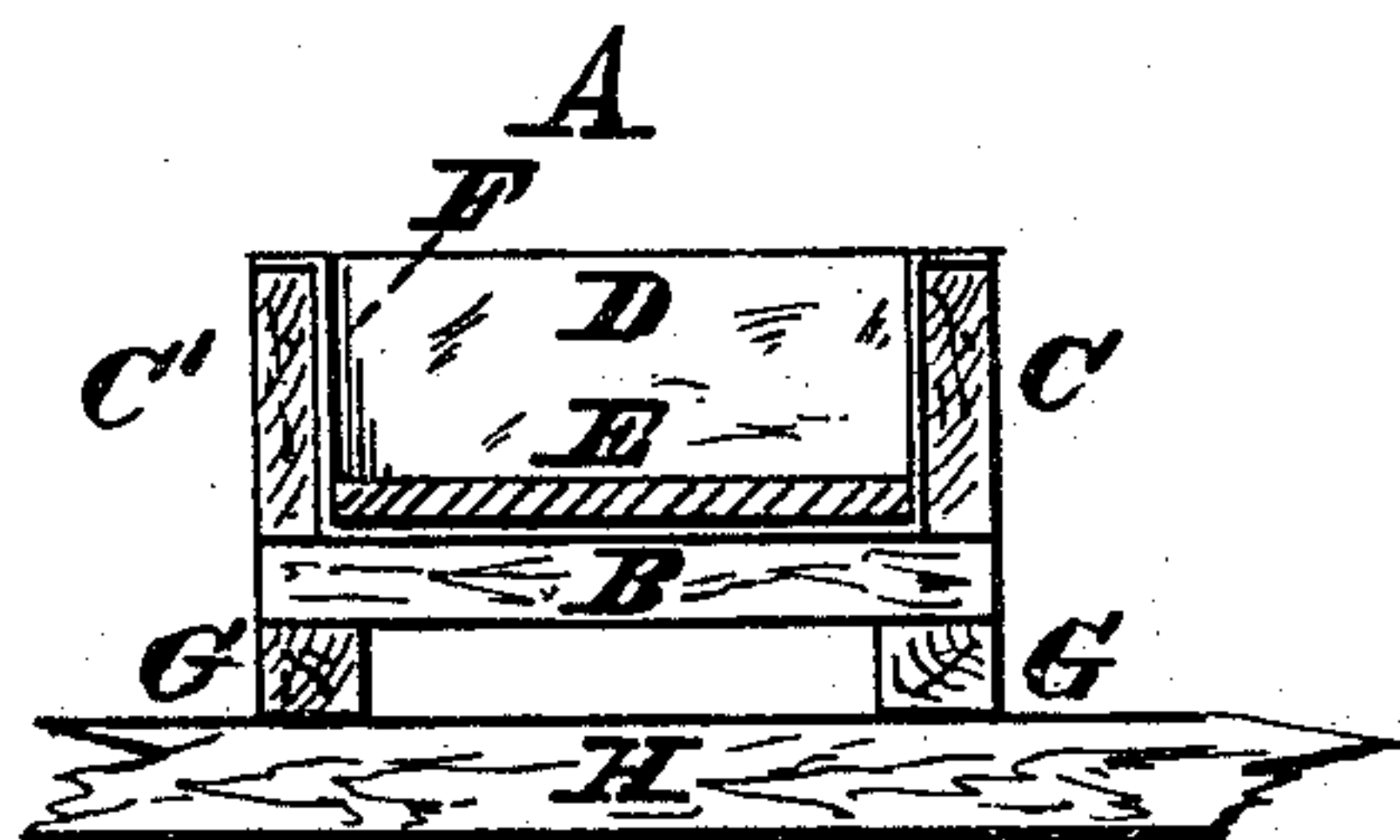
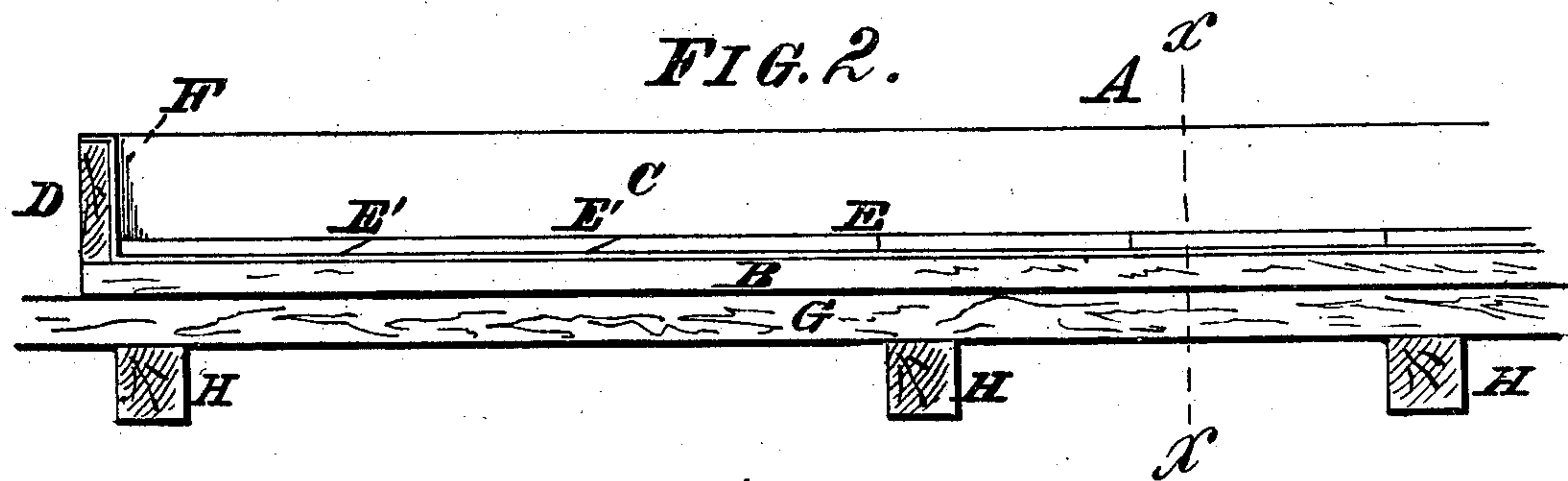
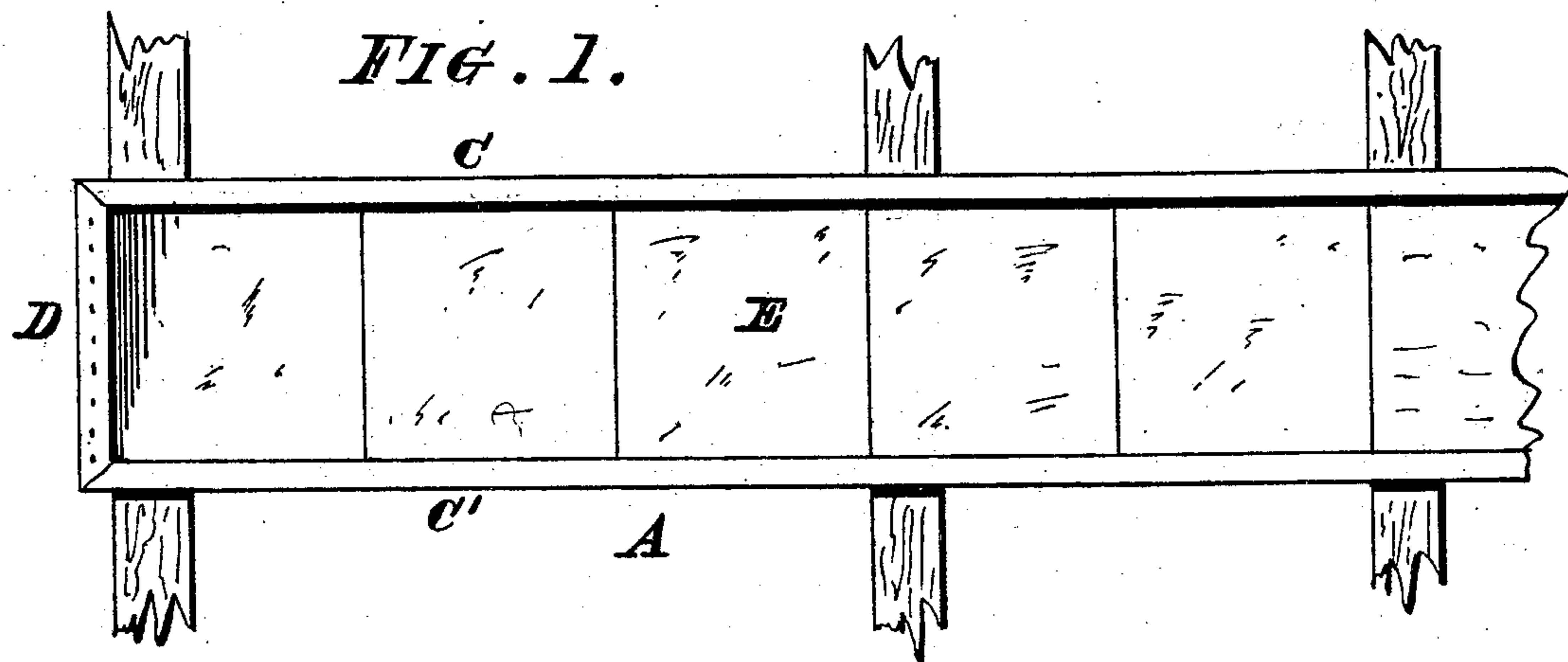


(No Model.)

C. LAUTZ.
STARCH TABLE.

No. 254,029.

Patented Feb. 21, 1882.



Witnesses:

Al Stark.
Willie C. Stark.

Inventor:

Charles Lautz
by Michael J. Stark
Attorney.

UNITED STATES PATENT OFFICE.

CHARLES LAUTZ, OF BUFFALO, NEW YORK, ASSIGNOR TO WESP, LAUTZ
BROTHERS & CO., OF SAME PLACE.

STARCH-TABLE.

SPECIFICATION forming part of Letters Patent No. 254,029, dated February 21, 1882.

Application filed December 6, 1881. (No model.)

To all whom it may concern:

Be it known that I, CHARLES LAUTZ, of Buffalo, in the county of Erie and State of New York, have invented certain new and useful Improvements in a Starch-Table; and I do hereby declare that the following description of my said invention, taken in connection with the accompanying sheet of drawings, forms a full, clear, and exact specification, which will enable others skilled in the art to which it appertains to make and use the same.

This invention has general reference to starch-tables; and it consists essentially in such novel combination of parts and details of construction as hereinafter first fully set forth and described, and then pointed out in the claims.

In the drawings already referred to, which serve to illustrate my said invention more fully, Figure 1 is a plan; Fig. 2, a longitudinal and Fig. 3 a transverse sectional elevation, the latter figure being taken in line *xx* of Fig. 2.

Like parts are designated by corresponding letters of reference in all the figures.

A designates a starch table or depositor used in starch, glucose, and other factories to separate the starch from the gluten and other substances. This table consists of a gutter-like structure having a bottom, B, two sides, C C', and an end or head board, D. The inner surfaces of this gutter are lined with sheet metal, usually galvanized iron, so as to render the structure water-tight, and for other purposes.

Owing to the fact that sheet metal is never perfectly flat, and that in starch-tables it is essential that the bottom of the same should be a perfectly plane surface without any undulations, it is very difficult to obtain a good lining which will serve as a perfect bottom for said tables. To overcome this obstacle, and at the same time to prepare a bottom for a starch-table that shall be practically indestructible, I provide the table with an auxiliary bottom, E, constructed of a series of slabs of marble, slate, or other similar calcareous or argillaceous stone properly jointed together and cemented in the seams, so as to produce a

perfectly plane surface. Such a bottom for a starch-table possesses the qualities of being practically indestructible and readily leveled off, while the shoveling off of the starch will have but little, if any, effect upon the trueness of the plane surface. If desired, these slabs may be saturated with resinous or other substances, so as to render them impervious, and to close the pores of the mineral, whereby the usefulness and durability of the stone are greatly enhanced.

I am aware that the introduction into a starch-table of an auxiliary bottom of some form or other is not my invention, such having been explained to me prior to my inventing the present subject-matter, and I do therefore not broadly claim an auxiliary bottom for a starch-table.

Having thus fully described my invention, I claim as new and desire to secure to me by Letters Patent of the United States—

1. A starch-table consisting of a bottom, B, sides C C', head-piece D, lining F, and an auxiliary bottom E, composed of slabs of calcareous or argillaceous stones, substantially in the manner as and for the object specified.

2. A starch-table consisting of a bottom, B, sides C C', head-piece D, lining F, and an auxiliary bottom, E, composed of slabs of calcareous or argillaceous stones coated or saturated substantially in the manner as and for the object specified.

3. In a starch-table, the combination, with the bottom B, of the sides C C', head-piece D, lining F, and the auxiliary bottom E, said auxiliary bottom E being composed of slabs of stone placed upon the lining F in said table, substantially in the manner as and for the object stated.

In testimony that I claim the foregoing as my invention I have hereunto set my hand in the presence of two subscribing witnesses.

CHARLES LAUTZ.

Attest:

MICHAEL J. STARK,
JOHN C. DUERR.