

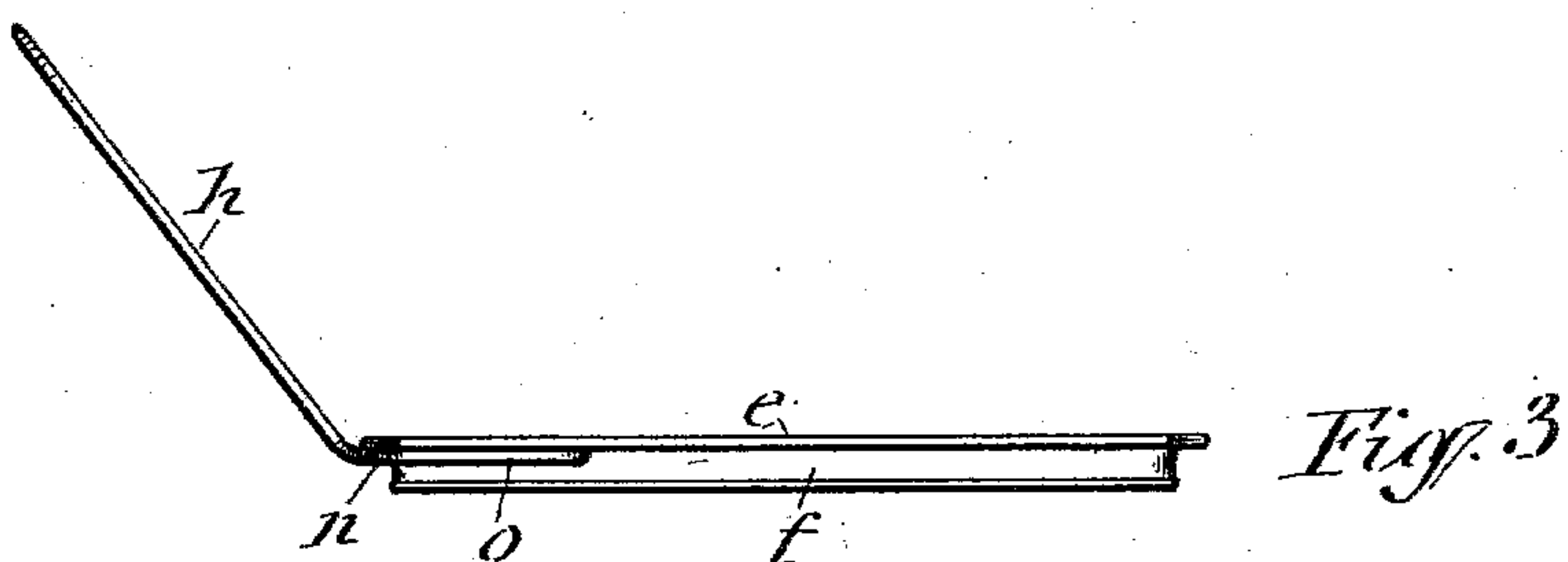
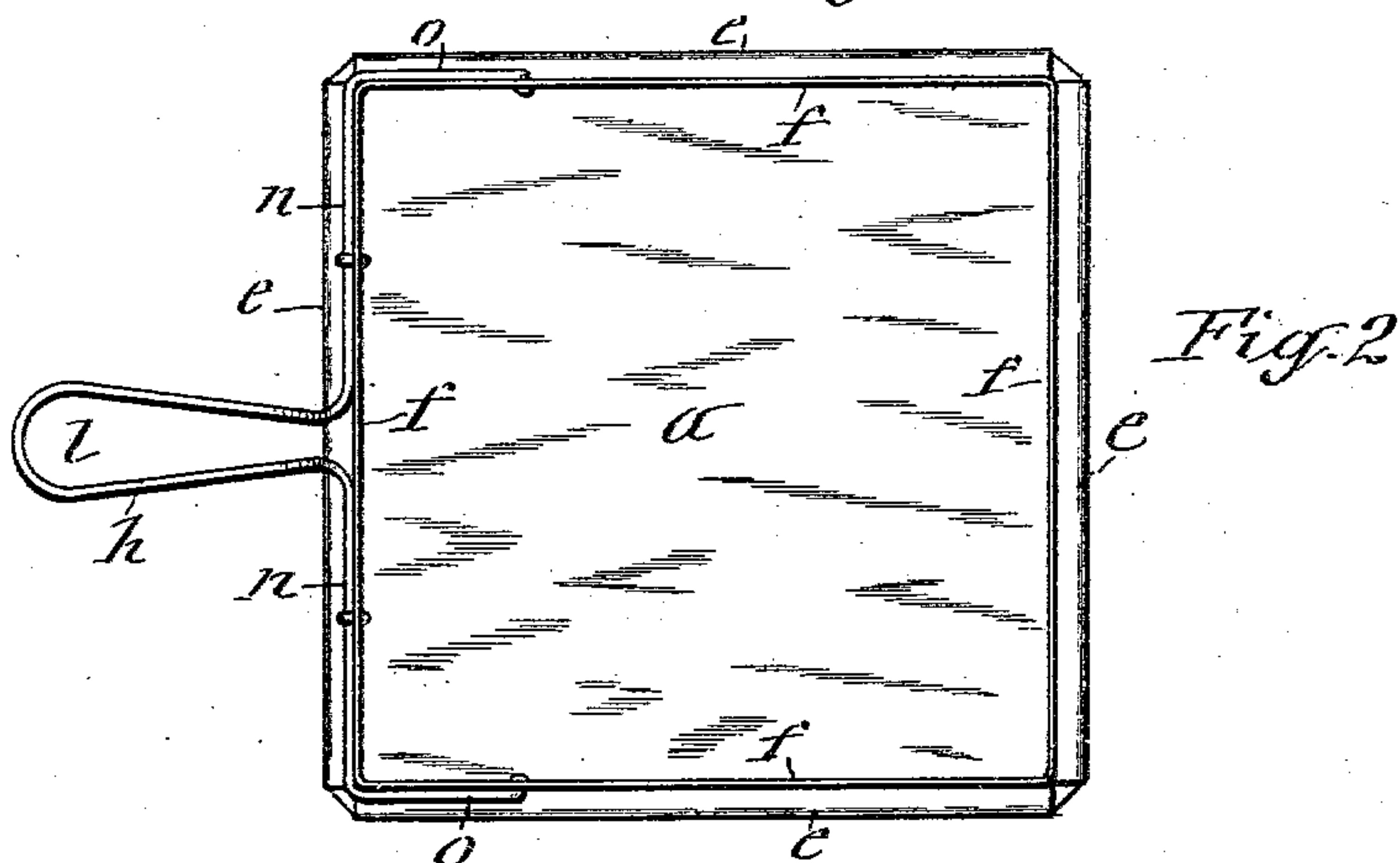
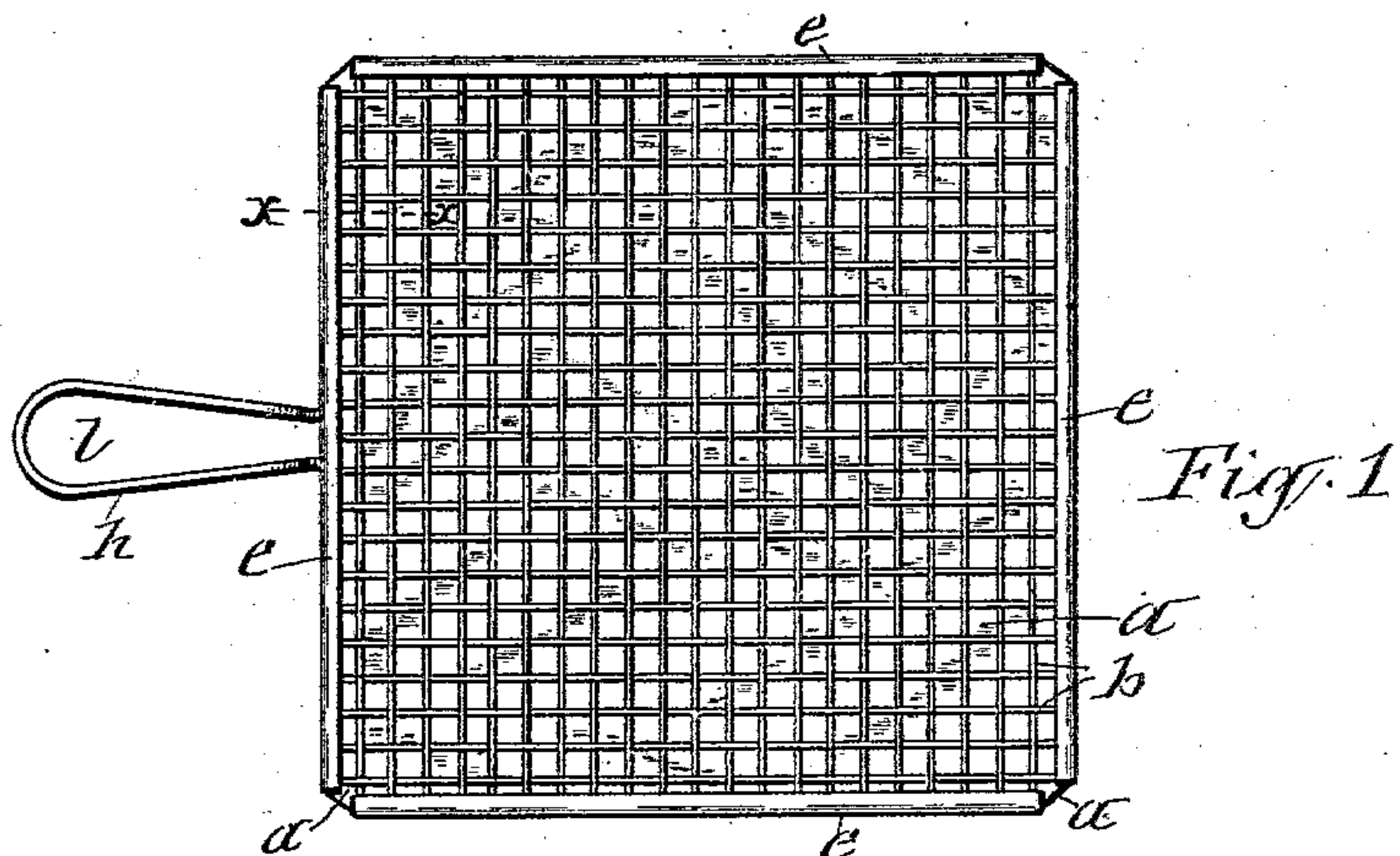
No 743,688.

PATENTED NOV. 10, 1903.

L. F. BUTLER.
BREAD TOASTER.

APPLICATION FILED MAY 11, 1903.

NO MODEL.



WITNESSES:

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LOUIS F. BUTLER, OF SYRACUSE, NEW YORK.

BREAD-TOASTER.

SPECIFICATION forming part of Letters Patent No. 743,688, dated November 10, 1903.

Application filed May 11, 1903. Serial No. 156,518. (No model.)

To all whom it may concern:

Be it known that I, LOUIS F. BUTLER, a citizen of the United States, and a resident of Syracuse, in the county of Onondaga, in the State of New York, have invented new and useful Improvements in Bread-Toasters, of which the following, taken in connection with the accompanying drawings, is a full, clear, and exact description.

This invention relates to the class of bread-toasters in which a wire-netting or analogous open-work metallic sheet is superposed upon a heat-transmitting plate of asbestos or other suitable fireproof material.

My present invention consists in an improved construction and combination of the component parts of the toaster, which is capable of resisting the tendency of being warped out of its proper shape and is very efficient in its operation.

In the accompanying drawings, Figure 1 is a top plan view of a bread-toaster embodying my invention. Fig. 2 is an inverted plan view of the same. Fig. 3 is an edge view, and Fig. 4 is an enlarged transverse section on line X X in Fig. 1.

a represents the heat-transmitting plate, which may be either of suitable metal or of asbestos and of any suitable shape in outline.

b denotes the toast-holding sheet, preferably formed of coarse wire cloth or netting, seated directly on the plate *a* and of the same size. This plate and the superposed sheet *b* are jointly supported at their margins upon a frame *f*, which surrounds said plate and sheet and is formed with a vertical wall and a horizontal outwardly-projecting flange *e* on the top of said wall and extending completely around the same. The margins of the plate *a* and sheet *b* rest on a portion *d* of the width of the flange *e*, the outer portion of which is folded over onto the entire margin of the toast-holding sheet *b* and clenched thereon, so as to firmly fasten the said plate and sheet to the frame without the use of rivets, staples, or other extra fastening devices.

My invention possesses several important advantages, viz: It effectually confines the heat under the plate *a*, and thus heats the same quickly and evenly, and also guards against burning or overheating the toast lying near the margin of the superposed open-work sheet *b*. It also supports the toasting implement at a sufficient distance above the fire to protect the plate *a* from being overheated, and it will also be observed that my improved construction of the toaster unites the plate *a* and sheet *b* without bending the margins thereof and fastens them to the frame without the use of rivets or staples or other extra fastening devices.

h represents the handle of the toasting implement. This handle may be constructed in various ways. I prefer, however, to form it of a wire bent at the center of its length into the shape of a loop *l*, which constitutes the handle proper. Said handle is provided with attaching-prongs *n n*, formed of the end portions of said wire bent in opposite directions to lie directly on the exterior of one side of the wall *f* and terminated in further bent portions *o o*, embracing the adjacent corner portions of the aforesaid wall and suitably fastened thereto.

What I claim as my invention is—

The improved bread-toaster consisting of a frame formed with a surrounding wall and horizontal outwardly-projecting flanges extending around the entire top of said wall, and a toast-holding sheet and underlying heat-transmitting plate seated at their margins on said flange and fastened jointly to the frame by the flange folded onto the entire margins of the toast-holding sheet as set forth and shown.

LOUIS F. BUTLER. [L. S.]

Witnesses:

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