(No Model.) 2 Sheets—Sheet 1.

W. A. AUSTIN.

Folding Baker.

No. 240,639. Patented April 26, 1881.

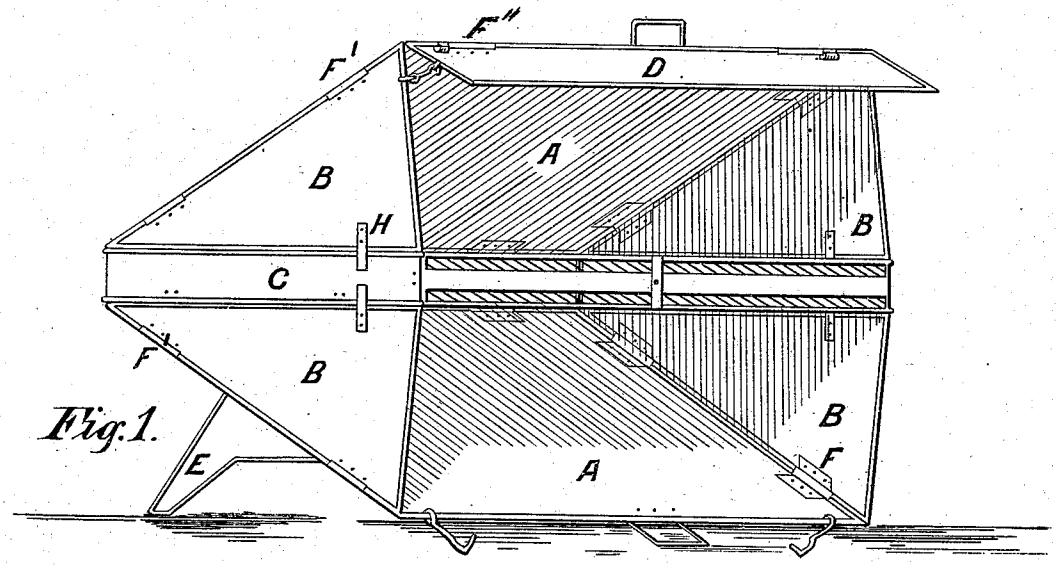
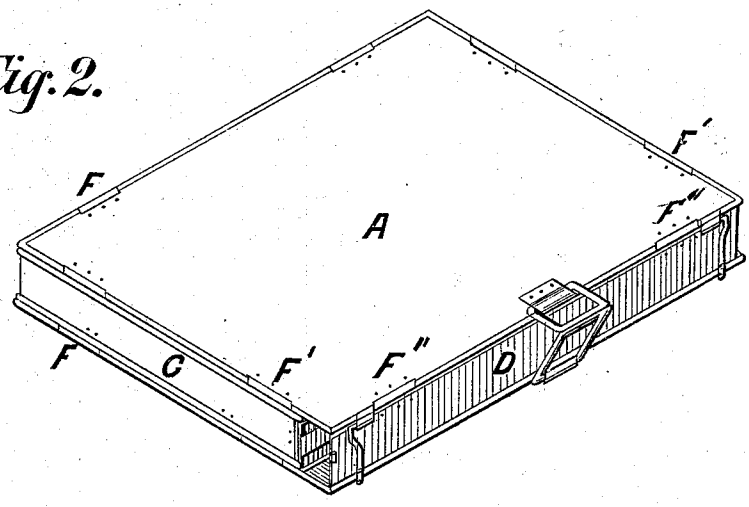


Fig. 1.

Fig. 2.



Witnesses:
William Phillans
Thomas McKinnon

Inventor.
W. A. Austin

N. PETERS, PHOTO-LITHOGRAPHER, WASHINGTON, D. C.

(No Model.)

2 Sheets—Sheet 2.

W. A. AUSTIN.

Folding Baker.

No. 240,639. Patented April 26, 1881.

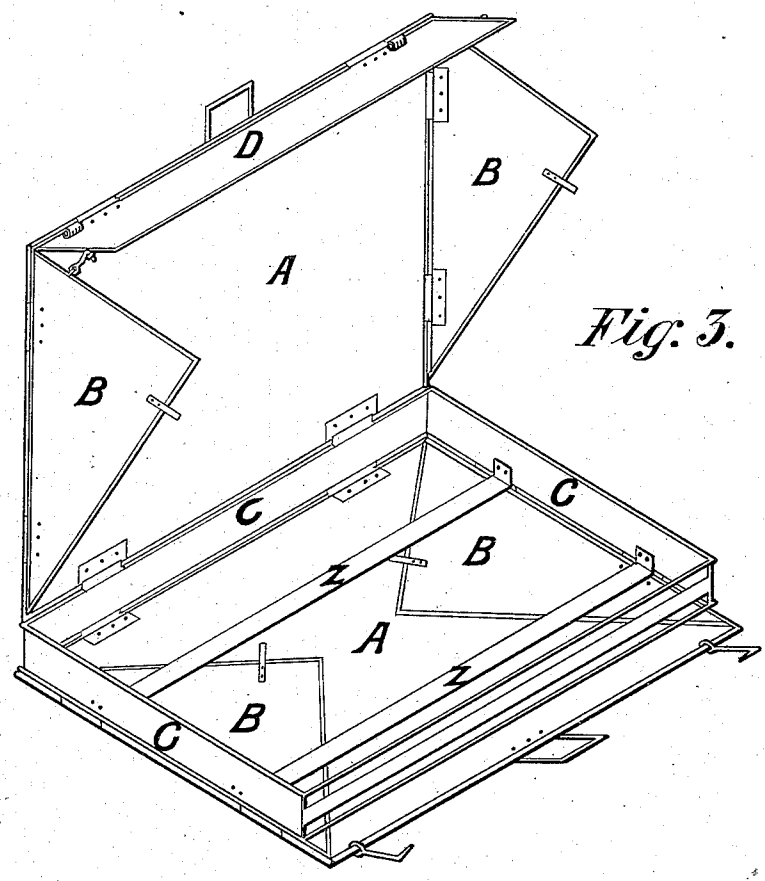


Fig. 3.

Witnesses.
Thomas Hoffman
William Williams

Inventor:
W. A. Austin

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UNITED STATES PATENT OFFICE.

WILLIAM A. AUSTIN, OF GLOUCESTER TOWNSHIP, CARLETON COUNTY, ONTARIO, CANADA.

FOLDING BAKER.

SPECIFICATION forming part of Letters Patent No. 240,639, dated April 26, 1881.

Application filed February 18, 1881. (No model.) Patented in Canada February 21, 1881, and extended March 9 and 10, 1881, for fifteen years.

To all whom it may concern:

Be it known that I, WILLIAM AUGUSTUS AUSTIN, of the township of Gloucester, county of Carleton, Province of Ontario, Canada, civil engineer and provincial land-surveyor, have invented certain new and useful Improvements on Folding Bakers, (not having been in public use with my consent or knowledge in the United States of America for more than two years prior to this application,) of which the following is a specification.

To enable me to obtain that desired portable character I make the oven in the form of a book when closed, the pan-holder or body being the book proper, and the upper and lower reflectors being the covers.

The object of my invention is to produce an apparatus to cook by reflection from an open fire, and make it of a portable character for the use of engineers, surveyors, lumbermen, explorers, first settlers, and for the army when marching across a country where fuel is scarce and time of consequence.

Figure 1 is an isometric view of my invention. Fig. 2 is an isometric view of my invention when folded in its book form. Fig. 3 is a similar view of my device partly unfolded, and showing the bars.

A A are the top and bottom reflecting-surfaces hinged to the pan-holder or body C, having bars Z, and provided with hinges F, by which they are attached to the body C. The reflecting-wings are attached to the upper and lower reflectors A A, by hinges F′, and provided with straddles H to attach them to the body C when cooking.

C is the pan-holder or body of the baker, provided with hoop-iron or other bars Z across its bottom to support the pan or pans, and having the reflectors A A hinged to it in the form of the cover of a book, and so arranged as to be able to fold up so as to inclose the wings B and pan or pans.

D is the rain-board hinged to the upper reflector by hinges F″, and kept in position, when baking, by hooks or their equivalents.

E is a hinged support, made of wire bent into any form, so as to be capable of being hinged to the back of the lower reflector, A, and of being held to the back of the reflector by a button or slide when folded.

H are straddles or other contrivances to connect the reflecting-wings B to the pan-holder C when in act of cooking. The baker, when folded, is kept so by hooks.

To show the utility of my invention it is evident from inspection that a short time will be sufficient to put it into proper shape to be placed before the fire in a position to cook, and its quick action in that operation will at once be admitted by all persons who have had experience in explorations, and particularly where fuel is scarce, as on the western prairies.

What I claim as my invention is—

In a reflecting-baker, the pan-holder C, having bars Z across its bottom, and provided with reflectors A, having support E, and provided with hinges F and wing-reflectors B, having catches H and rain-board D, the whole made to fold up in the form of a book, substantially as described, and for the purposes set forth.

Ottawa, Ontario, February 15, 1881.

W. A. AUSTIN.

Witnesses:

WILLIAM WHILLANS,

THOMAS WORKMAN.