(No Model.)

# J. WOOLRIDGE.

## BREAD BOARD.

No. 469,413. Patented Feb. 23, 1892.

Fig. 1.

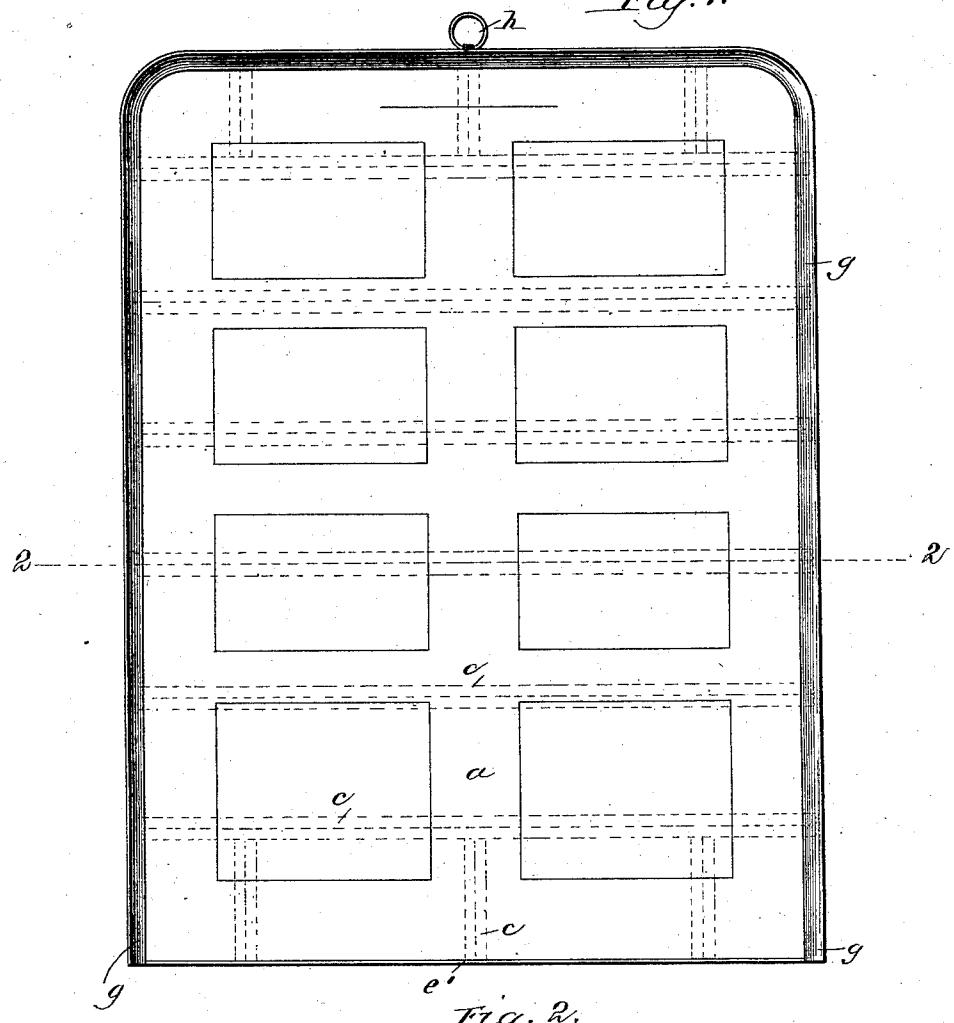



Fig. 2.

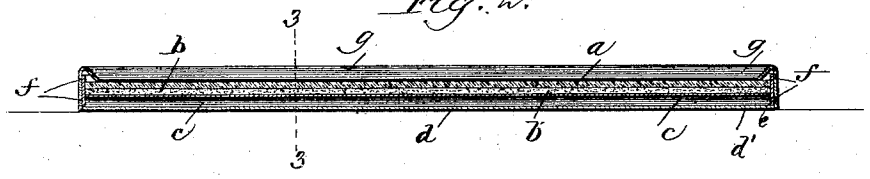



Fig. 3.

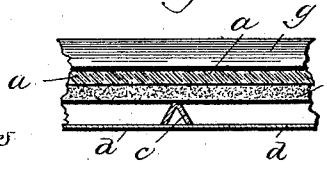
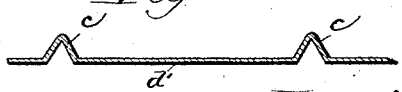



Fig. 4.

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# UNITED STATES PATENT OFFICE.

JOHN WOOLRIDGE, OF CHICAGO, ILLINOIS.

## BREAD-BOARD.

SPECIFICATION forming part of Letters Patent No. 469,413, dated February 23, 1892.

Application filed March 30, 1891. Serial No. 386,973. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN WOOLRIDGE, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Bread-Boards, of which the following is a specification.

This invention relates to bread-boards having glass kneading-surfaces; and the object of the invention is to improve the prior construction by providing a novel, simple, and economical supporting-frame and so sustaining the glass kneading-surface throughout its area that a thin sheet of glass can be employed without danger of being fractured under pressure incident to the kneading operation.

To accomplish this object my invention involves the features of construction and the combination or arrangement of parts hereinafter described and claimed, reference being made to the accompanying drawings, in which—

Figure 1 is a plan view of my improved bread-board. Fig. 2 is a sectional view taken on the line 2 2 of Fig. 1, looking toward the top. Fig. 3 is an enlarged detail view showing the means of supporting the glass-sustaining tablet, and Fig. 4 is a modification of the means of supporting the glass-sustaining tablet within the case.

In the drawings the letter *a* indicates the glass sheet constituting the kneading-surface of the bread-board, and *b* a tablet formed of suitable material. The glass *a* and glass-sustaining tablet *b* are supported in a case *d*, composed of a hollow case or box made from sheet metal and having its side walls *e* formed integral with the bottom *d'* of the box, as shown, or suitably secured thereto at or nearly at right angles to such bottom *d'*. This box should be just large enough to admit of the glass *a* and the tablet *b* being placed within it. Upon the bottom of said case *d* are supports *c* at suitable distances and adapted to properly support the tablet *b*. The supports *c* may be placed in the position indicated by the dotted lines in Fig. 1 and are made of strips of metal bent into a V shape, with their edges securely soldered to the bottom of the case *d*, as shown in Fig. 3.

In Fig. 4 I have shown a modification in which the supports *c* are formed integral with the bottom *d'* of the box *d*, such supports being there shown as stamped up from the bottom *d'*. The glass-sustaining tablet *b* and glass *a* are placed within the case *d*, the tablet resting upon the supports *c* and with the glass securely fastened therein by a strip of metal *f*, soldered or otherwise suitably secured to and on the outside of the wall *e* of the case *d*. This strip *f* is somewhat broader than the wall *e* and extends above it. The upper edge *g* of the strip *f* is bent over and against the glass *a* on three sides of the case *d* and secures the glass within the case. The other wall *e'* of case *d* is left the same height as the top of the glass *a*, so that any dough that may adhere to the glass *a* can be easily removed by scraping it from the surface of the glass.

A ring *h* is provided, suitably fastened to the edge of the bread-board, by which it may be hung up when not in use.

By my invention I provide a novel bread-board wherein the glass-supporting frame can be economically manufactured from thin sheet metal, while possessing the requisite strength, because the sheet-metal supports *c* strengthen and impart rigidity or stiffness to the thin sheet-metal bottom wall of the box. The bent side walls of the sheet-metal box fulfill the conditions required to retain the glass kneading-surface in proper position without the necessity of using extraneous fastenings.

An important advantage arising from the tablet *b* resides in the fact that it sustains the glass kneading-surface throughout its area, and consequently the glass plate can be made quite thin without danger of being fractured under pressure in kneading bread, thereby producing a light, convenient, and cheap article with a glass surface well adapted as a bread-board.

Having thus described my invention, what I claim is—

A bread-board consisting of the sheet-metal box or casing provided with the upwardly-projecting strengthening-supports *c* and having the upper ends of its side walls bent downwardly, the tablet *b*, resting upon the upwardly-projecting supports, and the glass kneading-surface *a*, sustained throughout its extent by the tablet and confined in position by the bent extremities of the side walls of the box or casing, substantially as described.

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Witnesses:

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