

(No Model.)

2 Sheets--Sheet 1.

G. B. BOOMER & R. E. BOSCHERT.

PRESS.

No. 265,013.

Patented Sept. 26, 1882.

FIG. 1.

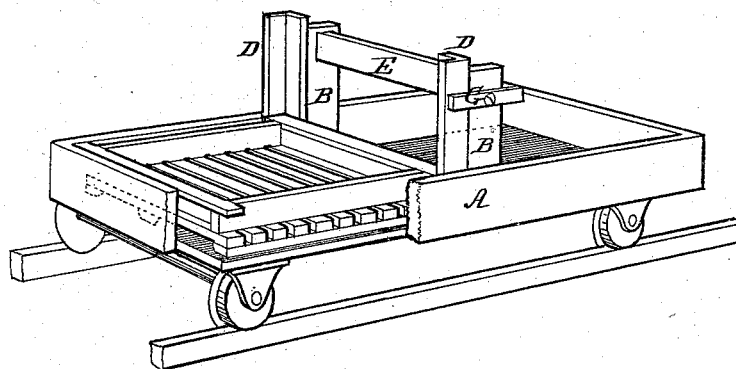
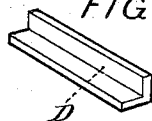


FIG. 2



WITNESSES

Geo W. Barber
J. D. Brewster

INVENTORS.

Geo B. Boomer
Rufus E. Boschert
By W. Smith
Attorney

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Fig. 3.

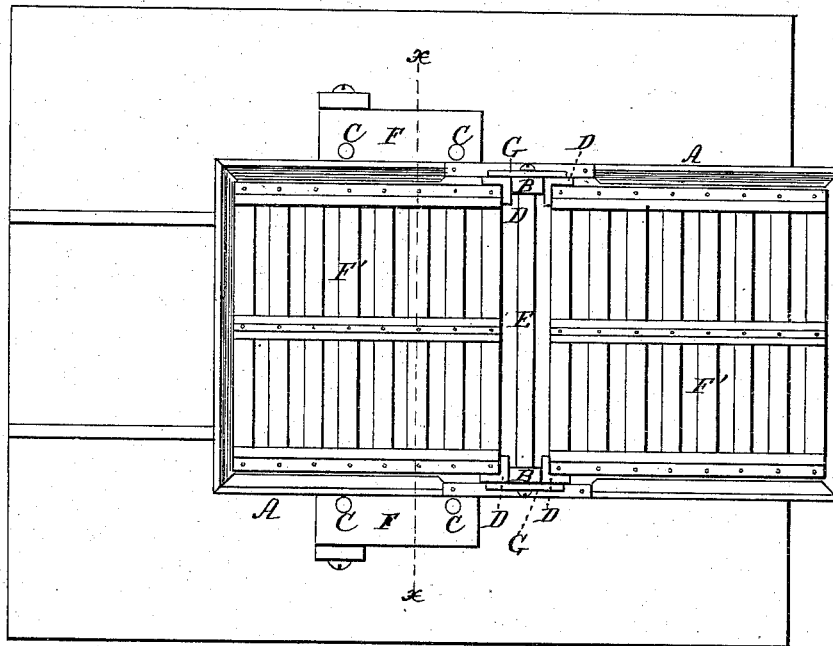
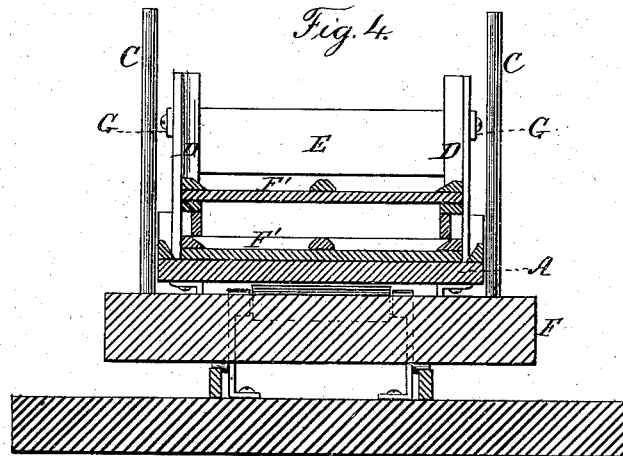


Fig. 4.



Witnesses:
Edmund Brodhead
Nowell Barth.

Inventors:
Geo. B. Boomer
Rufus E. Boschert
by Johnson & Johnson
Atty.

UNITED STATES PATENT OFFICE

GEORGE B. BOOMER, OF MEXICO, AND RUFUS E. BOSCHERT, OF SYRACUSE,
NEW YORK.

PRESS.

SPECIFICATION forming part of Letters Patent No. 265,013, dated September 26, 1882.

Application filed October 7, 1881. (No model.)

To all whom it may concern:

Be it known that we, GEORGE B. BOOMER, of Mexico, in the county of Oswego, and RUFUS E. BOSCHERT, of Syracuse, in the county of Onondaga, in the State of New York, have jointly invented a new and useful Improvement in Presses, of which the following is a specification.

The press to which our improvement relates is that known as the "traversing double platform," mounted upon trucks and adapted for use with a follower operated by toggle-levers upon a right-and-left screw, as described in patents granted separately and jointly to us June 27, 1876, and October 12, 1880, to which reference may be had. In such platform the racks and forms are built up upon each end, and it is moved to present them to the press for separate operation, so as to increase its capacity. In placing the racks and forms upon each other they are liable to be set out of line with each other, especially at their outer ends; and our present improvement consists in means whereby the racks and forms will be set straight at their sides and ends and held in parallel relation to each other and to the sides of the platform, and thereby cause the frames to set level and firm upon each other, avoid liability to break under the action of the press, and in pressing cheese avoid the irregular formation of its sides and ends. The means for effecting these objects will be hereinafter described and made the subject of specific claim.

Referring to the accompanying drawings, Figure 1 represents a view in perspective of so much of a double-platform press as illustrates the application of our improvement to the racks and forms built up upon platform; Fig. 2, one of the removable angle-supports and setting-guides for the racks and forms; Fig. 3, a top view, and Fig. 4 a vertical cross-section on the line *xx* of Fig. 3.

A is the double platform of the press, mounted upon trucks and adapted to be moved upon tracks between the follower and the bed-plate, as in the patents referred to. It is made double by its adaptation for having racks and forms built up at each end, and moved be-

neath the follower for the separate action of the press upon each end. It is provided with posts B B on each side, at the middle of its length, placed opposite each other against the inner sides of the sides of said platform, and connected at their upper ends by a cross-bar, E. It operates between the guide-rods C C of the follower, which are supported upon the bed-plate F.

The supports and setting-guides for the racks and forms are angle-pieces D D, set vertically upon the platform against the posts B and the platform-sides, so as to be stayed and supported by them. They are of L shape in cross-section, and of a length to allow them to pass beneath the follower when it is raised. They stand loosely upon the platform in the angle made by the sides of the platform and the fixed posts. The angle or rabbeted part of each angle-guide faces inwardly, and together they form setting-guides to receive the inner corners of the racks and forms when laid up, and hold them squarely with each other and with the platform. The inner ends of the superimposed racks and forms F' being thus held and braced sidewise, their outer ends will thereby be laid even and squarely with each other. The setting and holding corner guides are then removed and the press operated.

A shoulder may be made on the outer side of the setting-guides, so that when placed in position they will partly rest upon the sides of the platform.

A long button, G, is pivoted on the outer side, near the upper end, of each post B, to support the upper ends of the corner setting-guides and hold them in line with the fixed posts.

The press may be used for pressing cheese and for making cider, the platform being suited for either use.

We claim—

1. The combination, in a press, of a platform, A, having fixed posts B B on opposite sides, with removable corner angle-guides, D D, supported upon the platform against said posts, and adapted to receive, set, and hold the racks and forms as they are laid upon the

platform, substantially as described, for the purpose specified.

2. The combination of the platform A, having fixed posts B B, with the removable corner angle-guides, D D, and the buttons G, pivoted to the fixed posts, substantially as described, for the purpose specified.

In witness whereof we have hereunto set our hands this 2d day of June, 1881.

GEO. B. BOOMER.

RUFUS E. BOSCHERT.

Witnesses:

C. W. SMITH,

GEO. W. BAXTER, Jr.