(No Model.)

# F. BAIER.

## OIL STOVE STAND.

No. 272,620. Patented Feb. 20, 1883.

Fig 1.

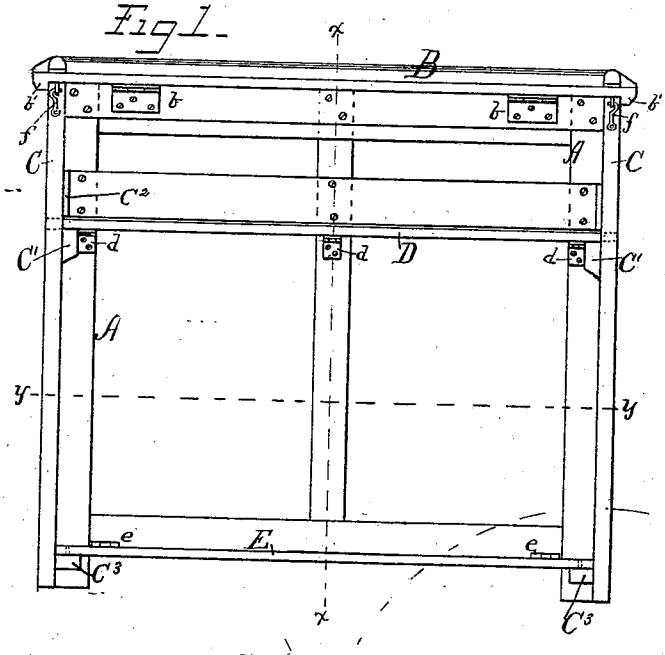



Fig 2.

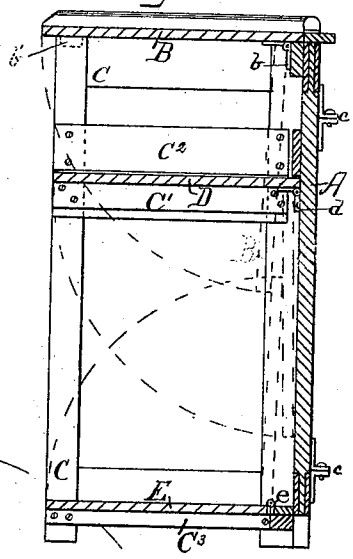



Fig 3.

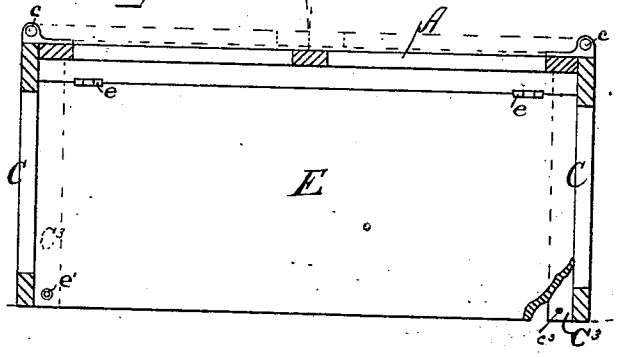



Fig 4.

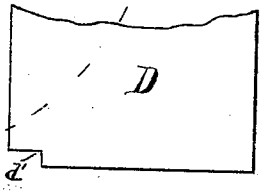
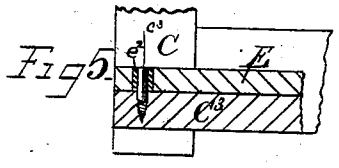



Fig 5.




WITNESSES.

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# UNITED STATES PATENT OFFICE.

FRANZ BAIER, OF CHICAGO, ILLINOIS.

## OIL-STOVE STAND.

SPECIFICATION forming part of Letters Patent No. 272,620, dated February 20, 1883.

Application filed March 20, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, FRANZ BAIER, of Chicago, Cook county, State of Illinois, have invented certain new and useful Improvements in Oil-Stove Stands, of which the following is a specification.

This invention relates to a stand designed more especially for use as a table or support for oil-stoves; and its object has been to make an article which will have special adaptation to this purpose, and which at the same time may be folded together in very compact form for transportation or storage.

The nature of the invention will appear from the accompanying drawings, wherein—

Figure 1 is a front elevation of my improved stand. Fig. 2 is a transverse vertical section thereof on the line *x x* of Fig. 1. Fig. 3 is a horizontal section thereof on the line *y y* of Fig. 1. Figs. 4 and 5 are detail views.

In said drawings, A represents a framing constituting the back of the stand. To this frame all the other parts of the stand are hinged, so that they may be folded upon it.

B is the top or table of the stand, and it is hinged to the frame A by hinges *b*. When in use it rests upon the side frames, C C, and when folded it takes the position shown by the dotted lines in Fig. 2. The side frames are hinged by vertical hinges *c* to the frame A, whereby they are rendered capable of being swung against the outside of the back frame, as shown by dotted lines in Fig. 3.

A shelf, D, hinged to the back frame by horizontal hinges *d*, is supported, when open, by the cross-slats C′ of the frame C, and at other times folds flat against the back frame, as indicated by broken lines in Fig. 2. Other cross-slats, $C^2$, are employed in conjunction with the slats C′ to form slots, into which said shelf will enter when open, and thereby the shelf is rigidly held against movement either up or down. The front corners of the shelf are cut away to form shoulders *d′*, which engage the front posts of frames C and prevent said frames from swinging too far inward. The bottom E is likewise hinged to frame A by horizontal hinges *e*. When open for use it is supported by the slats $C^3$ of the side frames, and when not in use is folded up against the back frame, as shown by the broken lines, Fig. 2. This bottom shelf stiffens the structure materially by acting as an additional stop to prevent inward collapse of the side frames, and also by providing it with openings *e′*, which will, when it rests upon slats $C^3$, set over and inclose pins $c^3$ in said slats. It acts to tie said cross-frames together and prevent their outward swing. The frames C are also held to the cover and against swinging outward by stops *b′* upon the under side of the top, near the front edge, where the spring of the top will permit the side frames to be swung under them in folding and unfolding.

The bottom shelf is provided with metal sockets $e^2$ to receive the pins $c^3$, and the front of the cover is also held down by hooks and eyes *f*.

I have shown both the back and side frames as open. The open spaces, however, may be closed by panels, and front doors may be provided, without interfering in either case with the collapsion of the parts shown.

I disclaim the construction shown in Patents Nos. 172,513 and 168,879. My invention is only applicable to rectangular or square stands, and I expressly disclaim all other forms.

I am aware that wardrobes wherein all the parts are hinged together by horizontal hinges are old, and disclaim that construction also.

I claim—

The folding stand for oil-stoves, consisting of the back frame, A, the top B, hinged to said frame by hinges *b*, the side frames, C C, hinged to the back frame by vertical hinges *c*, and one or more shelves, D E, hinged to the back frame by horizontal hinges *d e*, said side frames serving to support the top and shelves when not folded, all said parts being constructed, relatively arranged, and operating substantially as specified.

FRANZ BAIER.

Witnesses:
T. EVERETT BROWN,
H. M. MUNDAY.