

H. E. SPURRIER
Stove.

No. 169,205.

Patented Oct. 26, 1875.

Fig. 1.

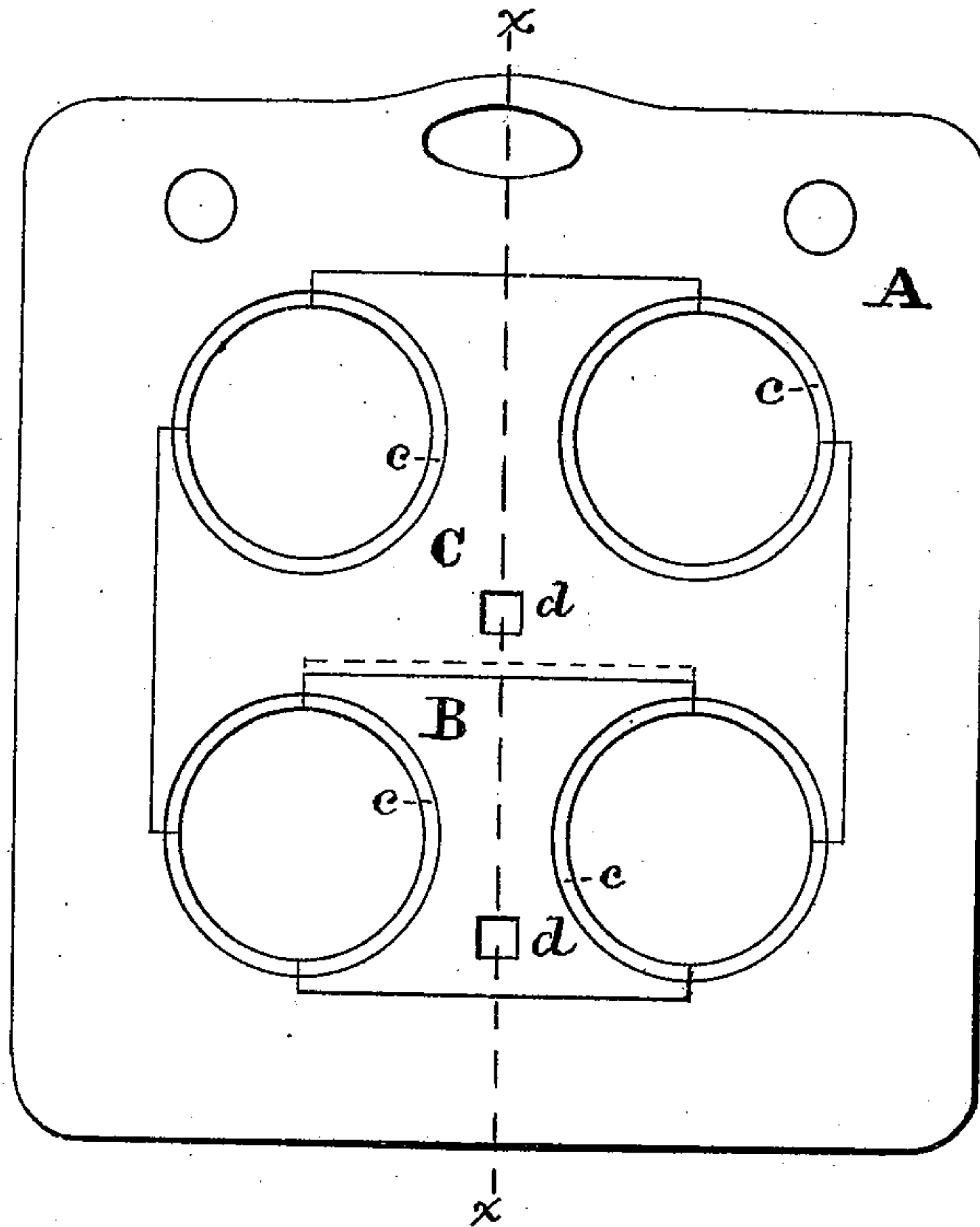


Fig. 2.

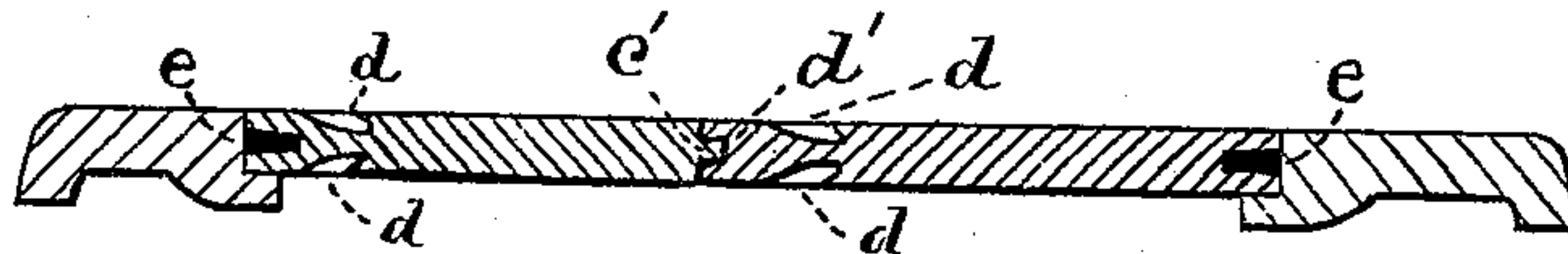
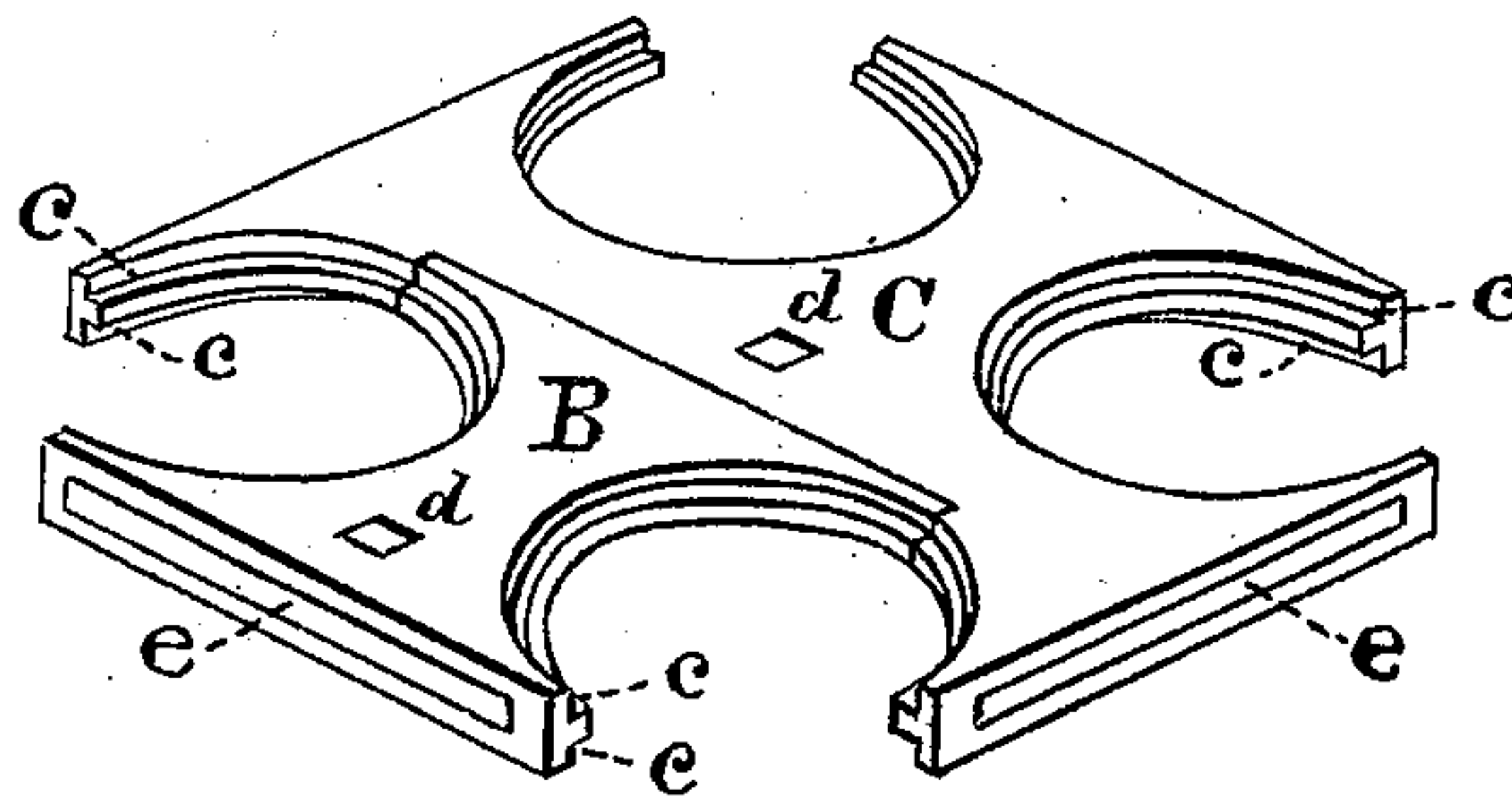


Fig. 3.



Witnesses

W. H. Howard
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Inventor :

Henry E. Spurrier
By *W. Purvis*
Atty

UNITED STATES PATENT OFFICE.

HENRY ELLIS SPURRIER, OF FLORENCE, IOWA.

IMPROVEMENT IN STOVES.

Specification forming part of Letters Patent No. **169,205**, dated October 26, 1875; application filed October 1, 1875.

To all whom it may concern:

Be it known that I, HENRY E. SPURRIER, of Florence, in the county of Benton and State of Iowa, have invented certain new and useful Improvements in Stoves; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it pertains to make and use the same, reference being had to the accompanying drawings and to the letters of reference marked thereon, which form a part of this specification, in which drawings—

Figure 1 is a top view. Fig. 2 is a section on line *xx* of Fig. 1. Fig. 3 is a perspective of the cross-pieces or centers.

My invention relates to the centers or cross-pieces of cooking-stoves, ranges, or other stoves having holes for kettles or pots; and my invention consists in constructing both sides of the said cross-pieces alike, to render them reversible, to prevent them from warping; and in hollowing out the bearing-edges of the cross-pieces to lessen the weight and quantity of metal; and in connecting the long and short cross-pieces by a tongue-and-groove joint, as hereinafter more fully described.

A represents the top plate of the stove, made in the usual manner. B is the short center or cross piece, and C is the long cross-piece. Both

sides of the cross-pieces are made with the rabbets *c*, to receive the lids and flanges of the kettles or pots, and with recesses *d* for the lifters. The back edge of the cross-piece B is provided with a tongue, *c'*, to extend into the groove *d'* in the front edge of the cross-piece C, forming the tongue-and-groove joint *c' d'*, as shown in the drawings. The bearing-edges of the cross-pieces are hollowed, as shown at *e*, to lessen the quantity of metal and weight of the centers.

What I claim as new, and desire to secure by Letters Patent, is—

1. Reversible stove centers or cross-pieces, having both sides constructed alike, substantially as and for the purposes described.
2. The combination of the stove centers or cross-pieces B C, connected by a tongue-and-groove joint, substantially as described.
3. The hollowed bearing-edges of the stove centers or cross-pieces, substantially as described.

In testimony that I claim the foregoing as my own invention, I affix my signature in presence of two witnesses.

HENRY ELLIS SPURRIER.

Witnesses:

A. M. KARR,
W. P. DARSKIN.