

(No Model.)

R. H. GUDGEON.
ADJUSTABLE MANTEL.

No. 254,868.

Patented Mar. 14, 1882.

Fig. 2.

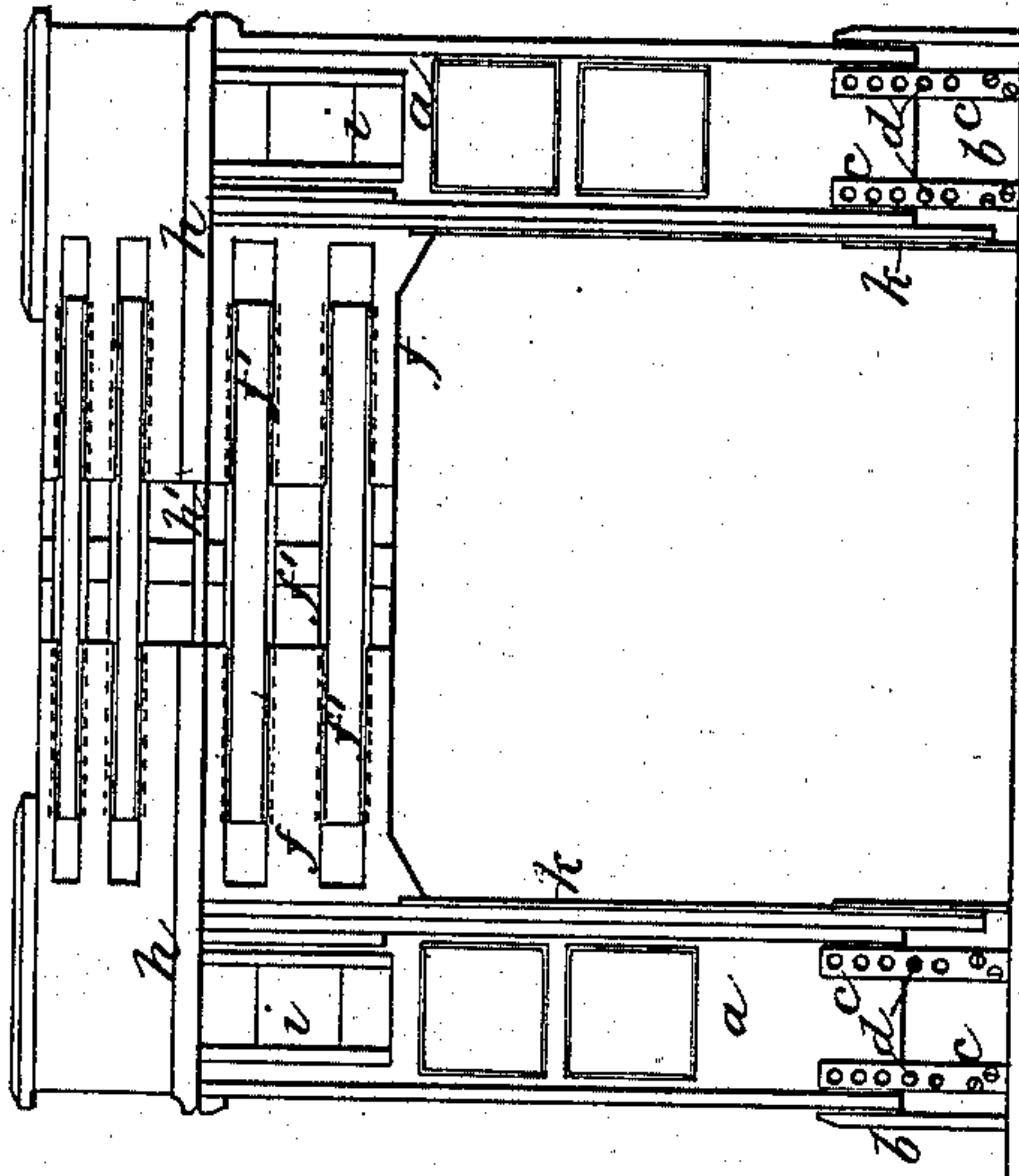


Fig. 4.

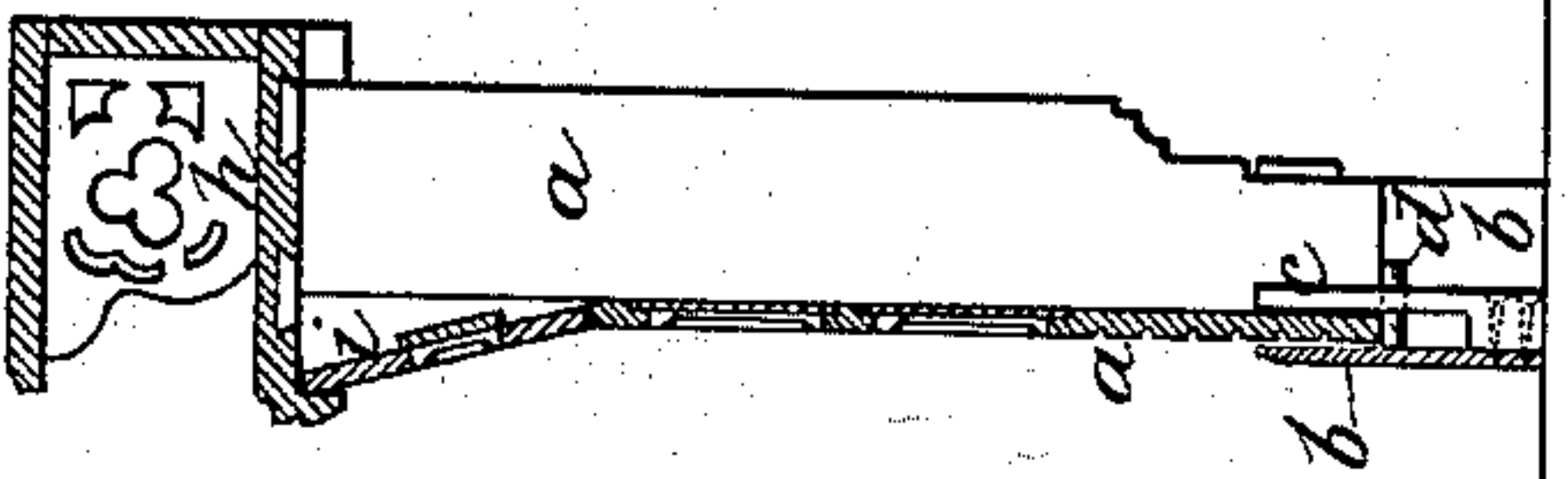


Fig. 3.

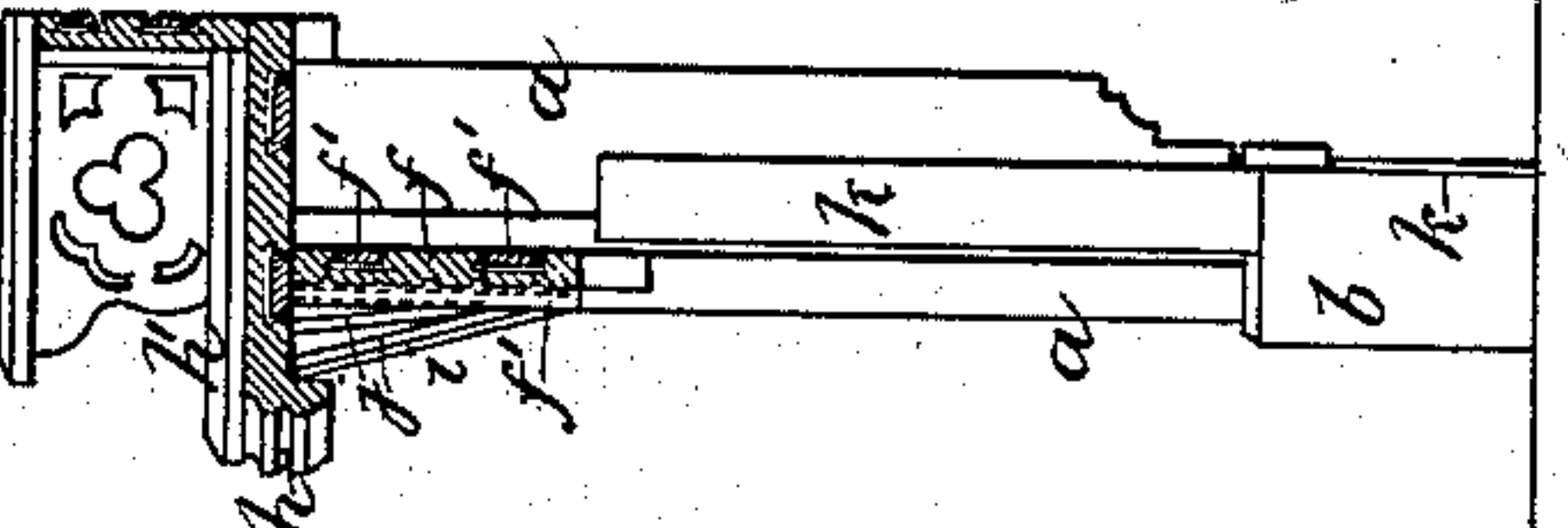


Fig. 1.

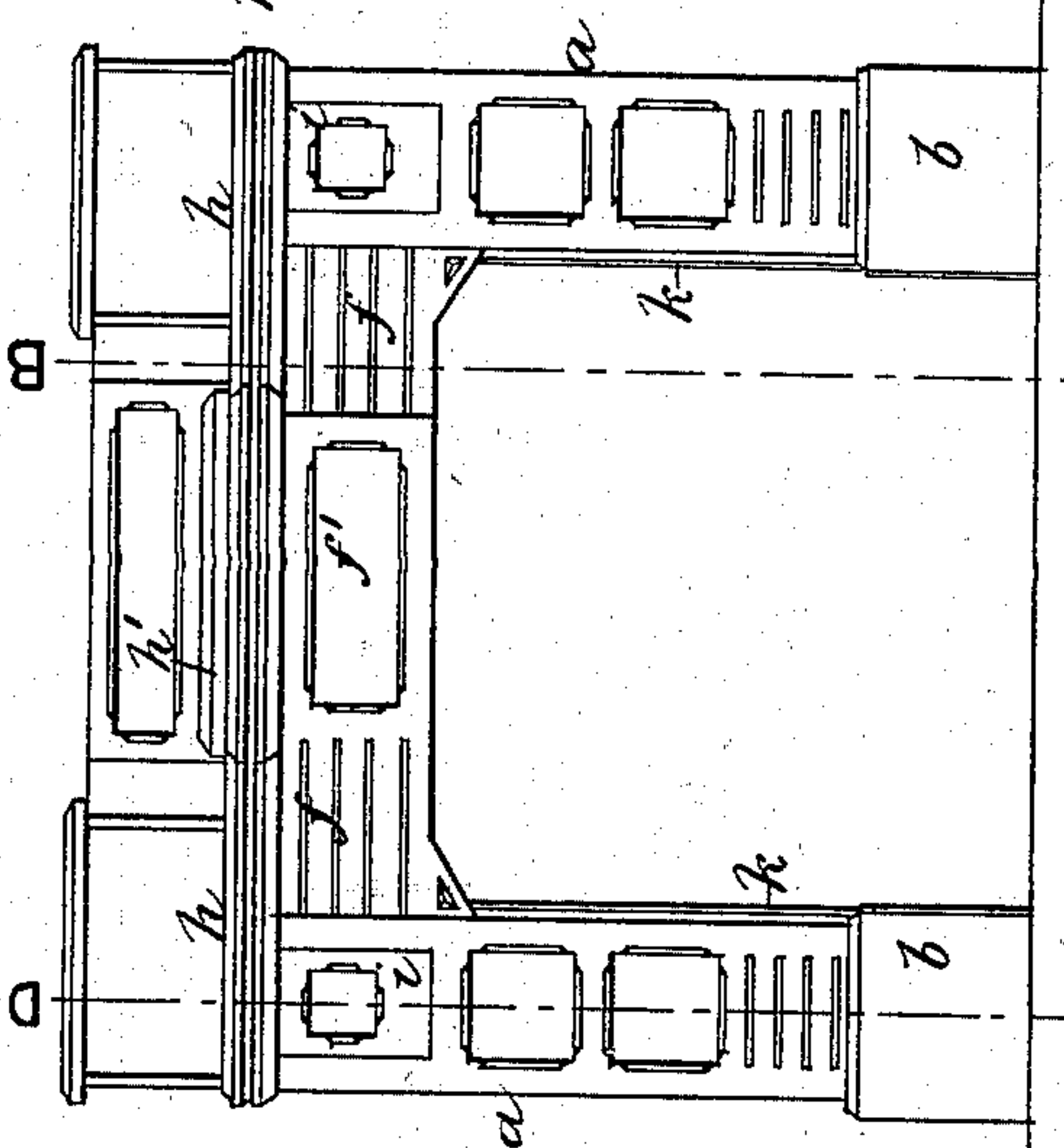


Fig. 6.

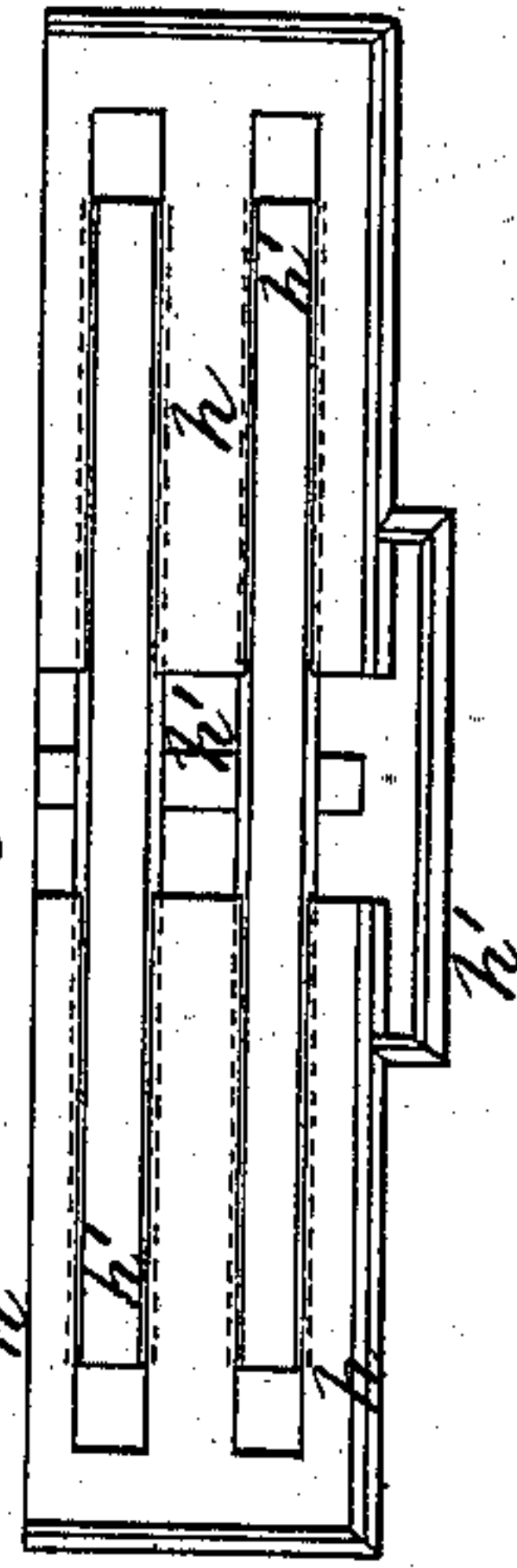


Fig. 7.



Fig. 8.

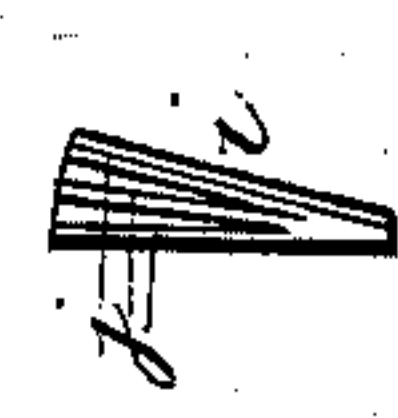
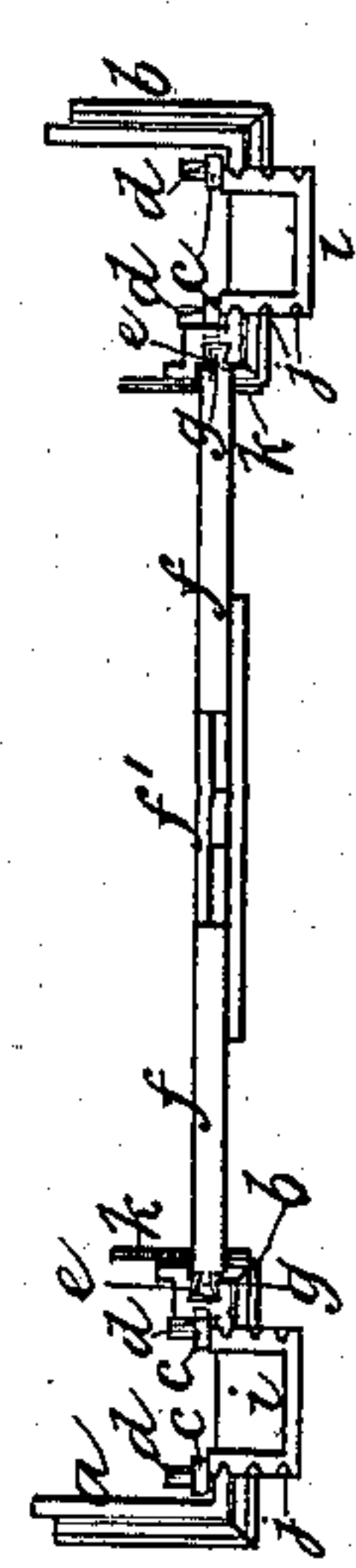


Fig. 5.



Witnesses.
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UNITED STATES PATENT OFFICE.

ROBERT H. GUDGEON, OF WINCHESTER, COUNTY OF HANTS, ENGLAND.

ADJUSTABLE MANTEL.

SPECIFICATION forming part of Letters Patent No. 254,868, dated March 14, 1882.

Application filed November 12, 1881. (No model.) Patented in England February 8, 1881.

To all whom it may concern:

Be it known that I, ROBERT HORSELEY GUDGEON, a subject of the Queen of Great Britain, residing at Winchester, England, have invented new and useful Improvements in Chimney-Pieces, Chimney-Piece Coverings, Mantel-Boards, and Super-Mantels, (for which I have obtained a patent in England, No. 536, dated 8th February, 1881, sealed 13th May, 1881,) of which the following is a specification.

This invention relates to improvements in the construction of chimney-pieces, the improvements being also applicable to what are known as "chimney-piece coverings," "mantel-boards," and "super-mantels," whereby they are made portable and suitable for chimney-openings and places of different dimensions.

In carrying out my invention I construct the jambs, frieze, and mantel-board, and also the super-mantel, of the chimney-piece or of the chimney-piece covering in separate parts or frames of suitable material, and so fit them together that the parts can slide one on the other, as required; or the mantel-board or super-mantel may be used separately from the chimney-piece or chimney-piece covering.

But to make my invention better understood I will proceed to describe the same by reference to the accompanying drawings, in which—

Figure 1 is a front elevation, showing a suitable construction of chimney-piece or chimney-piece covering with super-mantel for carrying out my improvements; Fig. 2, a back elevation of the same; Figs. 3 and 4, vertical transverse sections taken through the lines A B and C D, respectively; Fig. 5, a plan, the mantel-board and super-mantel being removed; Fig. 6, plan of the under side of the mantel-board, and Figs. 7 and 8 details.

Similar letters in all the figures represent similar parts.

a a are the jambs of the chimney-piece or covering, constructed, as shown, to slide and to be adjustable within the plinths *b b* by means of the slides *c c*, the pins *d d* serving for fixing the jambs to any required height to suit the height of the chimney-piece or of the opening or grate to be covered. The jambs *a a* are provided at their upper ends, where joined by the frieze, with dovetail grooves *e e*, to receive the ends of the frieze *f f'*, formed with a dovetail, *g*, at each end to fit and slide in the said

grooves. The frieze is formed in three parts, the two outer parts, *f f*, sliding on the center piece, *f'*, and capable of being extended so as to be adjustable to suit different widths of fireplace openings or chimney-pieces.

h h' is the mantel-board of the covering or casing, constructed similarly to the frieze, so as in a like manner to be adjustable to suit different widths, as required.

The tops of the jambs *a a* are provided with shifting panels *i*, formed with grooves *j*, to slide on projections in the jambs. This arrangement allows, in the case of a chimney-piece covering, of being adapted, as shown in Figs. 3, 4, and 5, to chimney-pieces constructed with brackets or consoles; or where there are no brackets the panels *i* may lie flush with the face of the jambs, as shown in Fig. 7. Fig. 8 is a detached view of the panel *i*. The super-mantel is constructed similarly to the frieze, so as to be extensible, as required.

By these improvements it will be seen that the parts constituting the chimney-piece, chimney-piece covering, mantel-board, or super-mantel, being constructed so as to slide one on the other, can be adjusted to different sizes or forms of grates or openings or chimney-pieces without requiring to be specially made and without the assistance of skilled labor to fix them, as the height of the jambs or the width of the frieze, mantel-board, and super-mantel can, as hereinbefore described, be lengthened or shortened by sliding the parts of which they are constructed inward or outward the one on the other.

These improved chimney-pieces, chimney-piece coverings, mantel-boards, and super-mantels may be fixed in position in any suitable manner, and can be removed and replaced with great facility and without in any way injuring the walls of the apartment, and for removal can be taken to pieces and packed in a comparatively small space.

It will be understood that the mantel-boards and super-mantels may, as hereinbefore described, be used separately from the chimney-pieces or chimney-piece coverings.

Having thus described the nature of my invention and the best means with which I am acquainted for carrying the same into effect, I would have it understood that I do not confine myself to the precise details herein laid down

and shown in the drawings, as the same may be varied without departing from the peculiar character of my invention; but

What I do claim is—

- 5 1. The combination, in a chimney or mantel piece, of the slides *c c*, plinths *b*, pins *d*, and vertically-adjustable jambs *a a*, constructed substantially as shown and described.
2. The combination of the slides *c c*, jambs
10 *a a*, and adjustable frieze *f f'*, substantially as shown and described.
3. The combination of the slides *c c*, jambs
a a, adjustable frieze *f f'*, and mantel-board *h*
h', substantially as shown and described.
- 15 4. The combination of the slides *c c*, jambs

a a, adjustable frieze *f f'*, mantel-board *h h'*, and shifting panels *i*, substantially as shown and described.

5. The combination of the adjustable frieze, composed of the part *f'* and of the shifting dove- 20
tailed pieces *f f*, with the jambs *a*, provided at the upper ends with dovetail grooves *e e*.

6. The shifting panels *i*, formed with the series of grooves *j*, in combination with corresponding projections on the jambs, as and for 25
the purposes shown and described.

ROBERT HORSELEY GUDGEON.

Witnesses:

F. PRICE,

A. ALBUTT.