

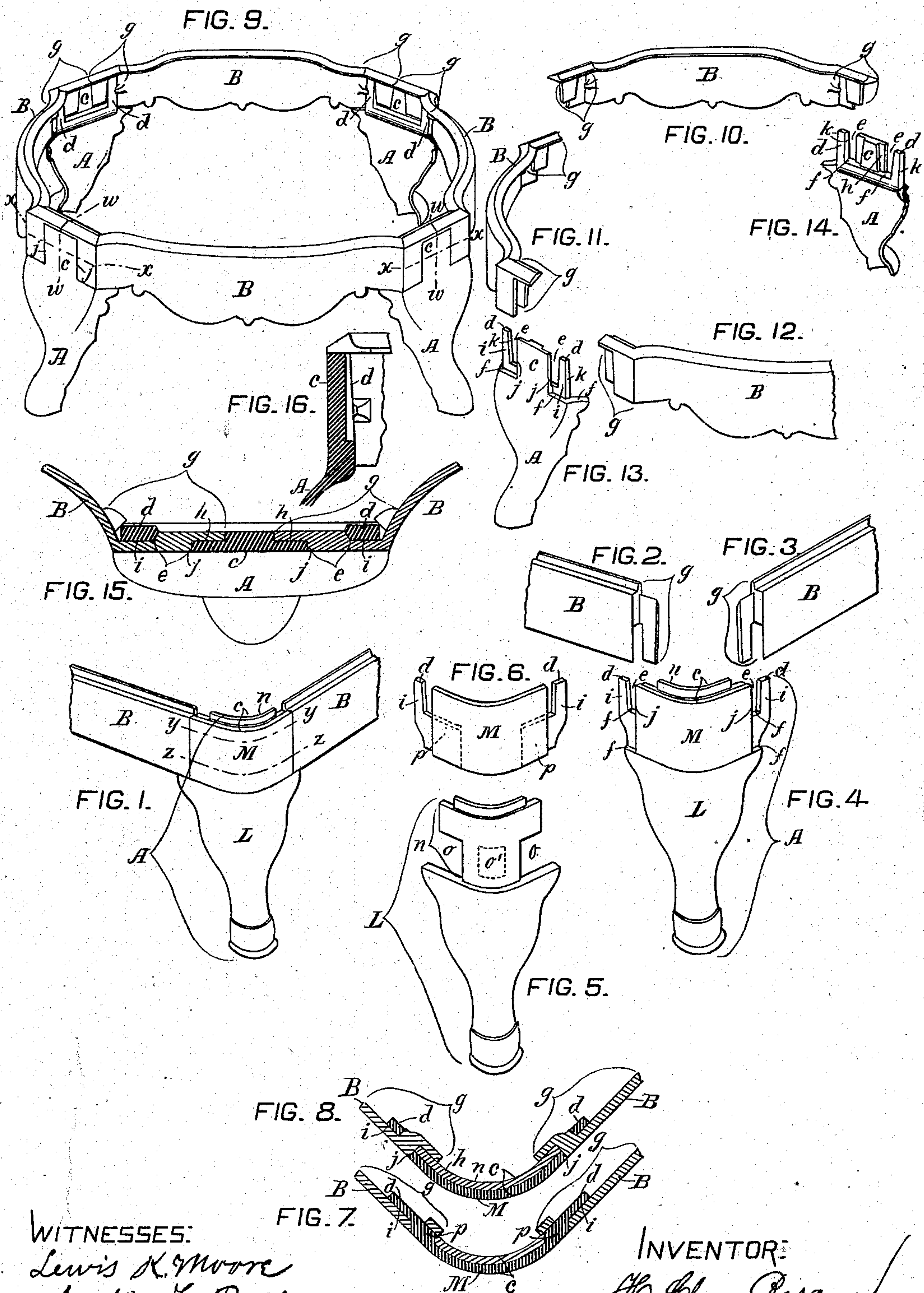
(No Model.)

2 Sheets—Sheet 1.

H. C. BASCOM.
STOVE SUPPORT.

No. 258,351.

Patented May 23, 1882.



WITNESSES:
Lewis K. Moore
Austin F. Park

INVENTOR:
H. C. Bascom

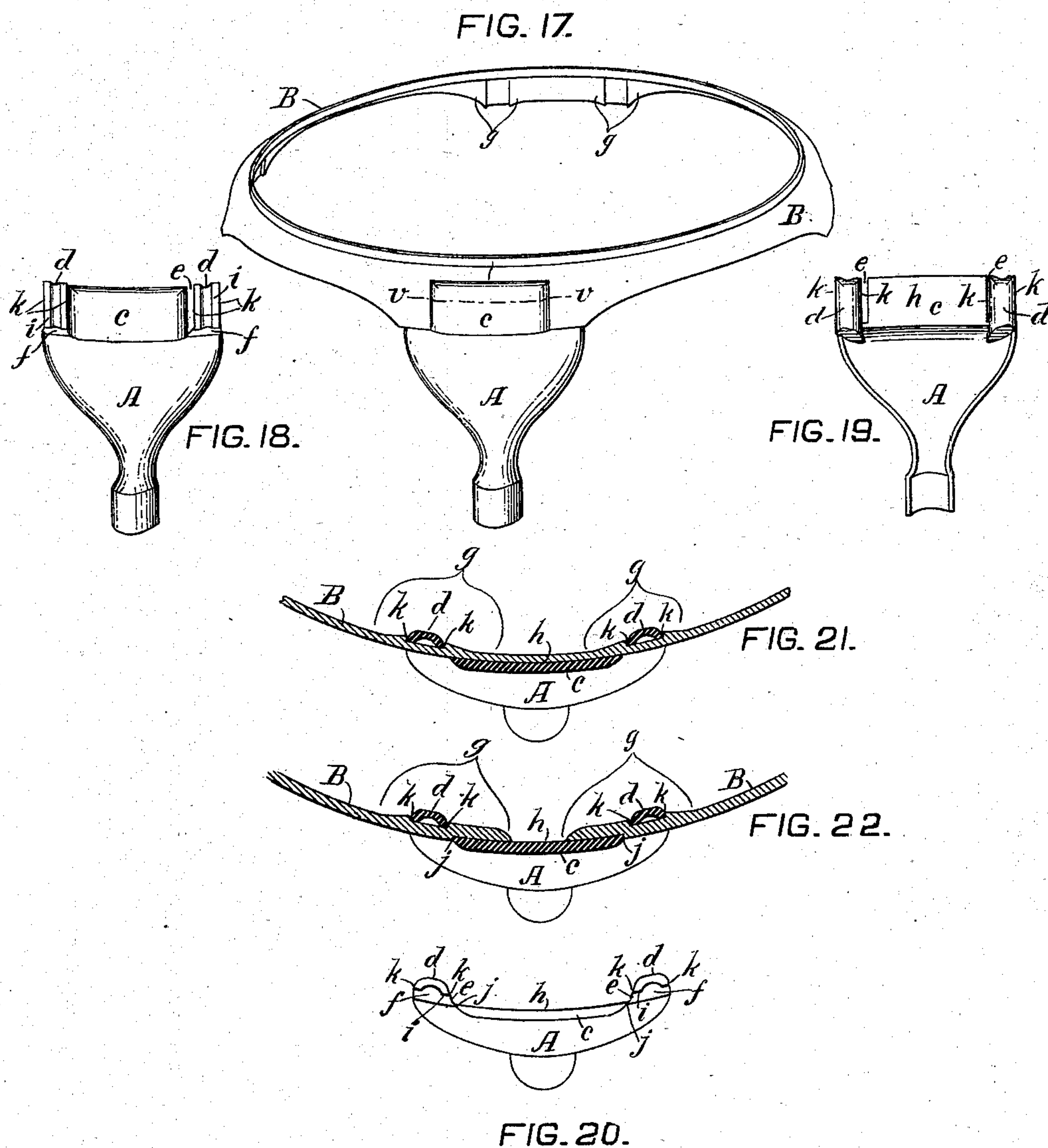
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UNITED STATES PATENT OFFICE.

H. CLAY BASCOM, OF TROY, NEW YORK, ASSIGNOR TO N. S. VEDDER PAT-
TERN WORKS, BASCOM, GALBRAITH & CO., OF SAME PLACE.

STOVE-SUPPORT.

SPECIFICATION forming part of Letters Patent No. 258,351, dated May 23, 1882.

Application filed September 30, 1881. (No model.)

To all whom it may concern:

Be it known that I, H. CLAY BASCOM, a citizen of the United States, residing in the city of Troy, in the county of Rensselaer and State of New York, have invented certain new and useful Improvements in Stove-Supports, of which the following is a specification, reference being had to the accompanying drawings.

My invention relates to improvements in stove-supports, each having a continuous or ring-like horizontal portion with detachable legs; and the general objects of my improvements are, to so form the legs and horizontal portion that the former can be quickly and firmly engaged with and secured to the latter without the aid of any screw, nut, bolt, wedge, or other separate part, and in such manner that when thus engaged the legs cannot be moved on or along the horizontal portion in any lateral or horizontal direction whatsoever; to form the horizontal portion in bars or sections which can be firmly secured together and to the legs by means of said bars or sections and legs alone; and to have each leg composed of a main part and a separable upper front part, which parts can be quickly and firmly secured together and to the said horizontal portion by means of the latter only.

In the aforesaid drawings, Figure 1 is a perspective view of a portion of a stove-support which embodies one form of all my aforesaid improvements. Figs. 2, 3, and 4 are perspective views of the parts which constitute the portion shown in Fig. 1. Figs. 5 and 6 are perspective views of the parts which compose the leg represented in Fig. 4. Fig. 7 is a horizontal section on a larger scale at about the line *z z*, Fig. 1; and Fig. 8 is an enlarged horizontal section at about the line *y y*, Fig. 1. Fig. 9 is a perspective view of a stove-support which embodies some parts of my invention. Figs. 10, 11, and 12 are different perspective views of some of the horizontal bars or sections of the stove-support represented in Fig. 9, and Figs. 13 and 14 are perspective views of the outer and inner sides of one of the detachable legs of the same support. Fig. 15 is a plan of a horizontal section on a larger scale of a part of the support shown in Fig. 9, taken at or about the line *x x* in the latter figure, and

Fig. 16 is an elevation of a vertical section of a part of the same support at the line *ww* in Fig. 9. Fig. 17 is a perspective view of a portion of another stove-support which embraces a part of my invention, and Figs. 18 and 19 are perspective views of the outer and inner sides, and Fig. 20 is a top view, all of one of the removable legs of that stove-support. Fig. 21 is a horizontal section, on a larger scale, of a part of the same support at the line *v v* in Fig. 17, and Fig. 22 is a similar horizontal section of the leg shown in Figs. 18 and 19, engaged with the end parts of two bars of the horizontal portion of a stove-support.

A is one of the detachable legs, and B is a horizontal part, of the stove-support. The upper portion of each leg A has a central standing lug, *c*, and two lateral standing lugs, *d d*, with intervening slots or spaces *ee* and seats *f*. The horizontal portion of the support has parts *g g*, formed to fit into the slots or spaces *ee* between the said lugs on the legs, and upon the seats *f*, and against the rear side, *h*, of the central lugs, *c*, and against the front sides, *i i*, of the lateral lugs *d d*, and against two or more of the lateral edges *j j*, or *k k*, or *j j* and *k k*, of said central and lateral lugs on the legs, all substantially as illustrated in and by the aforesaid drawings, and in such manner that each leg can be quickly and firmly engaged with the parts *g g* of the horizontal portion, as indicated in Fig. 1, 9, or 17, and readily separated therefrom by properly moving the leg in directions perpendicular or somewhat inclined to the plane of the upper edge or rim of the horizontal portion of the support, and so that when all the legs are thus engaged with said horizontal portion the legs cannot be moved thereon in any horizontal, lateral, or sidewise direction.

In Fig. 17 the horizontal part B is all cast in one and the same continuous ring-like piece; but in order that the horizontal portion may be more easily cast in various desirable ornamental shapes, and to render the same capable of being closely packed in a smaller space for more convenient transportation, I commonly make the horizontal portion of the support in two, three, four, or more separate bars or sections, as indicated in Fig. 22 or in Figs.

9, 10, 11, 12, or 1, 2, 3, and with their end parts, *g g*, shaped and adapted to be firmly engaged with the legs, substantially as shown in those figures.

5 In order that the upper front part of a leg of the stove-support may be more conveniently polished and nickel-plated, and changed for a new one or another having a different ornamental surface or style of finish, while the
10 main lower portion of the leg shall remain the same, and to permit the said lower portion of the leg to be changed for a new one or another having a different style of finish or ornamental design, without changing the upper front part
15 of the leg, and also to provide means whereby such upper and lower separable parts of the leg can be quickly and firmly secured together with and merely by the aforesaid parts *g g* of the horizontal portion of the support, I com-
20 pose such leg of the main and upper separable parts, L and M, Figs. 4, 5, and 6, and make the main part, Fig. 5, with the central stand-
ing lug, *n*, at top, and form the upper part, M, Fig. 6, with the lateral lugs *d d*, and so as to
25 fit upon the part L and against its lug *n*, and therewith form the lug *c* as shown in Fig. 4, and have, in or through the lug *n*, the recesses
o, Fig. 5, and on the rear side of the part M corresponding projections, *p*, indicated by dot-
30 ted lines in Fig. 6, and arranged to fit into the recesses *o*, so that the two parts L and M of the leg will be firmly secured together and
to the corresponding horizontal portions B B, Figs. 2 and 3, by the mere engagement of the
35 parts *g g* of the portions B B with the lugs *c* and *d d* of the compound leg, as indicated by Figs. 1, 7, and 8.

As an equivalent for the two recesses *o o*, Fig. 5, in the part *n*, and corresponding projec-
40 tions on the rear side of the part M, the part *n* can have a central perforation or recess, as indicated by dotted lines at *o'*, Fig. 5, and the part M a rear projection adapted to fit into such recess or perforation.

45 In carrying out this invention the general horizontal form of the support can be circular, as in Fig. 17, or variously quadrilateral, as indicated by Figs. 9 and 1, or of whatever form
will fit the base of the stove to be supported; and the shapes of the lugs *c d d*, slots or spaces
50 *e*, and seats *f* on the legs, and of the corresponding parts *g g* on the horizontal portion engaging therewith, can be varied, as illustrated by the drawings. In all cases, however,
55 the parts *g g* of the horizontal portion must fit against and engage with the lugs *c d d* of the legs in such manner that when all the legs are thus engaged with the whole horizontal por-
tion in the form of a continuous or ring-like
60 frame, as indicated in Fig. 9, no leg or legs of the support can be moved laterally or sidewise on or along the horizontal portion in any di-
rection whatever, so that no leg can be acci-

dentally or otherwise displaced while a stove rests upon the support, but so that when the
65 stove shall be removed the legs can then be readily detached from and resecured to the horizontal portion of the support, as herein described.

I am aware that stove-supports have before
70 been made in which horizontal frame-bars were connected together and supported by means of detachable legs; but in each instance bolts or other equivalent means have been employed for insuring the relative positions of the parts.
75 What I claim as my invention is—

1. A stove-support composed of a horizontal frame of separable bars or plates and a corre-
sponding number of legs which are adapted
to and engaged by the ends of said bars, sub-
80 stantially as described, and the whole automatically locked together by gravity, substantially as and for the purpose specified.

2. A stove-support composed of detachable
legs having the central and lateral standing
85 lugs, *c d d*, with intervening spaces *e* and seats *f*, substantially as described, and the horizon-
tal portion having the parts *g g* extending and fitting between and against said lugs, and en-
gaging with the lateral edges thereof, and rest-
90 ing upon said seats, and preventing lateral or sidewise movement of the legs on or along said horizontal portion, as set forth.

3. A stove-support composed of detachable
legs having the standing top lugs, *c* and *d d*,
95 substantially as described, in combination with a horizontal portion consisting of separable bars or sections, each having its end portions,
g g, extending and fitting between and against
and engaging with said lugs, and thereby se-
100 curing said legs and bars or sections together in the form of a continuous or ring-like frame, as set forth.

4. The leg composed of the main portion L,
having the standing top part, *n*, and the sep-
105 arable upper front portion, M, having the lateral lugs *d d*, and fitting upon and against and engaging with said main portion, and adapted to be firmly secured thereto by engagement
with the parts *g g* of the horizontal portion of
110 a stove-support, substantially as described.

5. The combination, with the compound leg
consisting of the separable parts L M, shaped
and fitting together substantially as described,
of the bars having end parts, *g g*, formed and
115 engaging with the two parts of the leg and thereby securing the same together, substan-
tially as set forth.

In testimony whereof I hereunto set my hand,
in the presence of two subscribing witnesses,
120 this 28th day of September, 1881.

H. CLAY BASCOM.

Witnesses:

LEWIS K. MOORE,
AUSTIN F. PARK.