

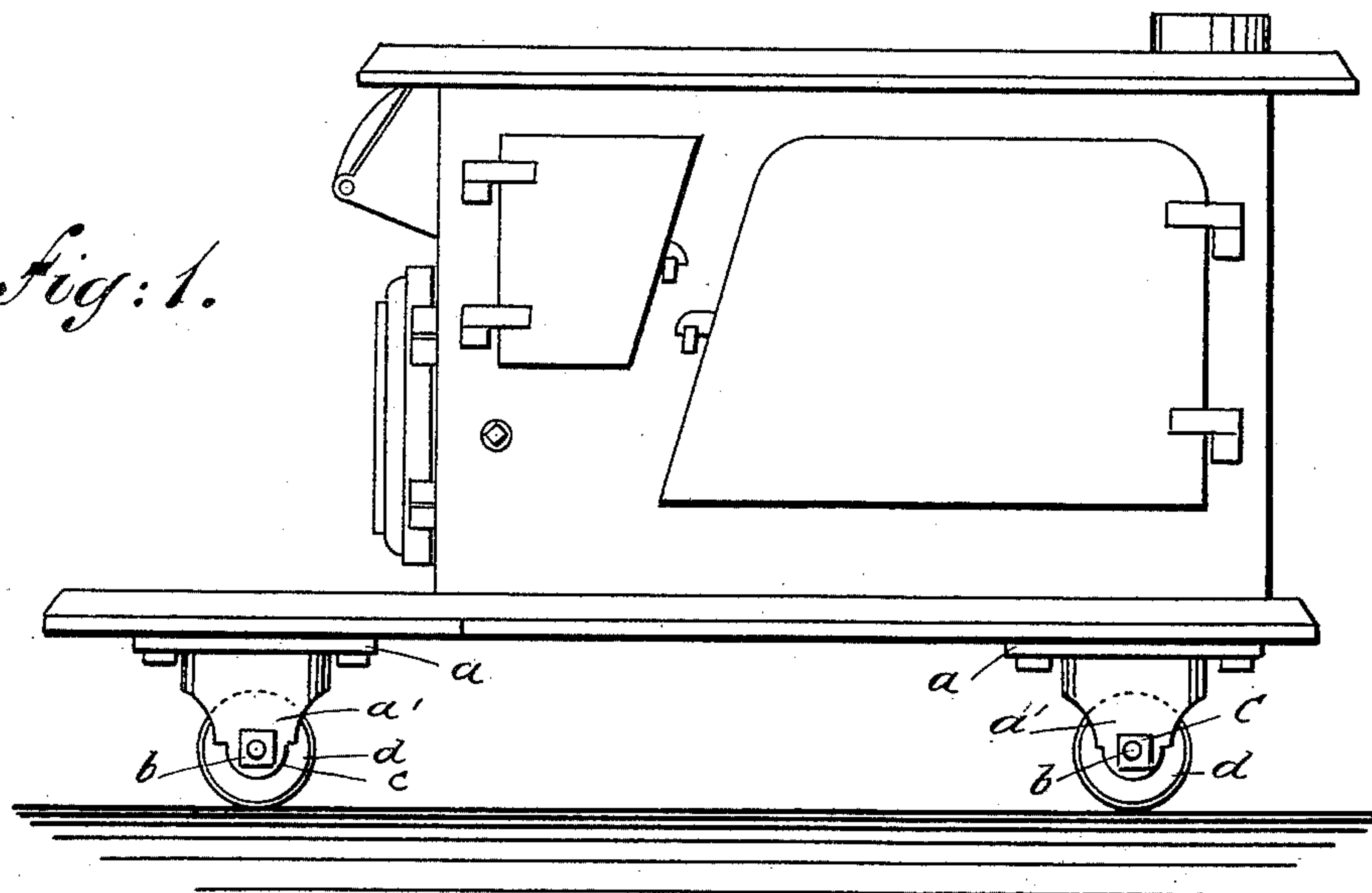
(No Model.)

W. H. VANCE.  
STOVE CASTER.

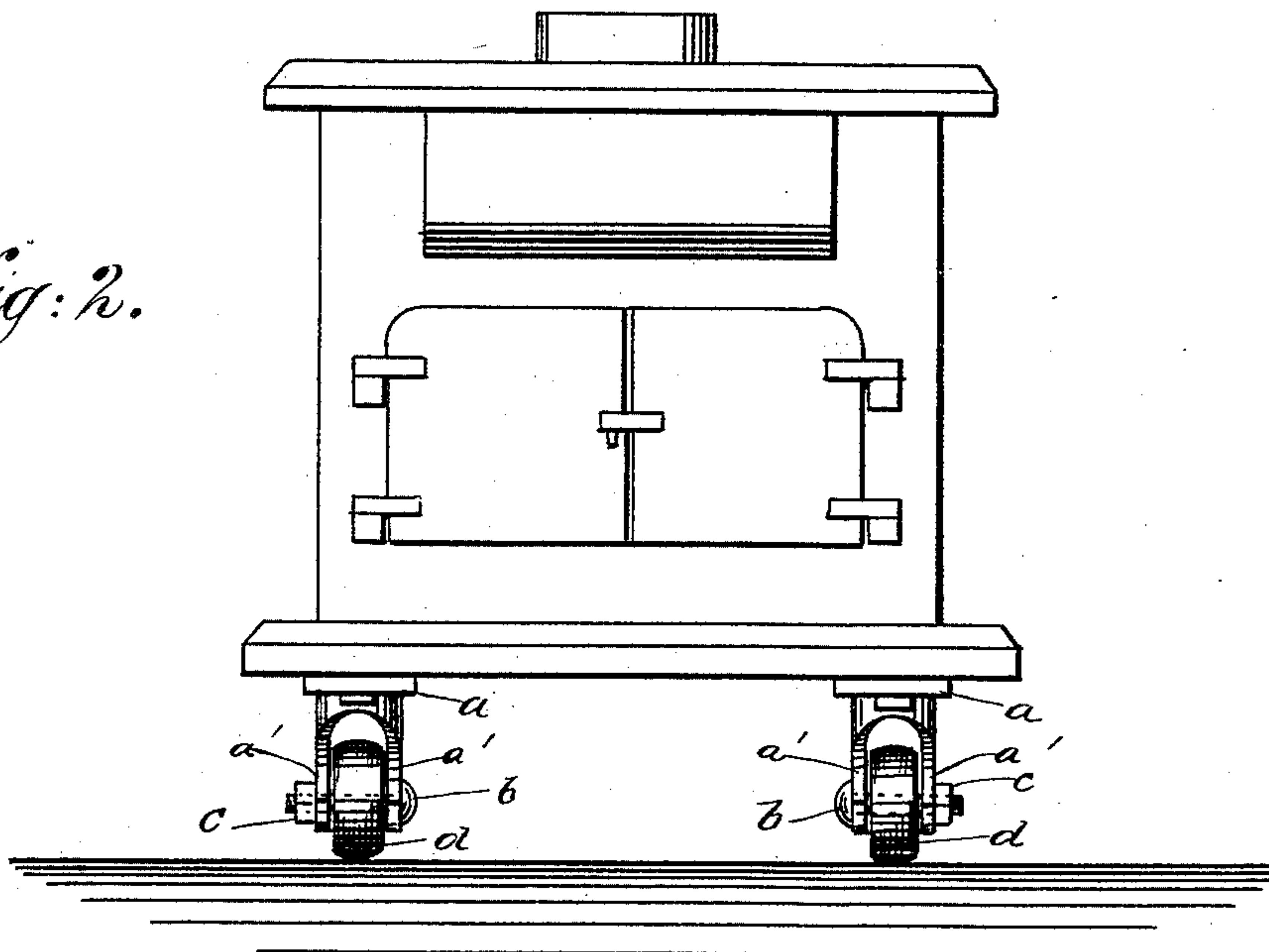
No. 424,694.

Patented Apr. 1, 1890.

*Fig: 1.*



*Fig: 2.*



WITNESSES:

*Chas. Nida*  
*C. Sedgwick*

INVENTOR:

*W. H. Vance*  
BY *Munn & Co*  
ATTORNEYS

# UNITED STATES PATENT OFFICE.

WILLIAM H. VANCE, OF LITTLE BRITAIN, NEW YORK.

## STOVE-CASTER.

SPECIFICATION forming part of Letters Patent No. 424,694, dated April 1, 1890.

Application filed January 23, 1890. Serial No. 337,876. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM H. VANCE, of Little Britain, in the county of Orange and State of New York, have invented a new and  
5 useful Improvement in Stove-Casters, of which the following is a full, clear, and exact description.

This invention relates to an improved caster for the support and progressive movement of  
10 stoves, the object being to provide such supports for a stove that it may be rolled into a desired position and then be there stably located by an adjustment of the casters.

To this end my invention consists in the  
15 construction and combination of parts, as is hereinafter described and claimed.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate  
20 corresponding parts in both the figures.

Figure 1 is a side elevation of a stove with the improvement combined therewith, and Fig. 2 is a front elevation of the stove and casters thereon.

Four casters are employed to support a stove and roll it to any desired locality instead of lifting, carrying, or handling it from point to point in a building, as is usually done. They are of similar construction and attached  
30 by bolts or other means to the corners of the stove on the lower plate of the same in place of feet and a description of one will answer for the set.

The bracket-frame *a* is preferably cast into  
35 form of metal, which is slightly elastic, and has thin parallel depending flanges *a'* thereon, which are sufficiently strong to safely support a stove, said flanges being perforated laterally for the reception of the transverse pintle-bolt *b*, which is threaded on its projecting  
40

end whereon a nut *c* is screwed. On each pintle-bolt *b* a caster-wheel *d* is placed, said wheels being centrally perforated of a size to revolvably fit upon the bolts and are also so proportioned in thickness to the space between  
45 the thin flanges *a'* of the bracket-frames *a*, that they will revolve freely on the pintle when the flanges are in a normal or parallel condition.

In use, the nuts on the bolts *b* are adjusted  
50 so that the wheels *d* may revolve on their pintles *b*, which will permit the stove to be transported easily by rolling it on the casters to any desired point. When a correct location of the stove has been secured, the nuts *c*  
55 are drawn tightly against the adjacent flanges *a'* of the bracket-frames *a*, which will clamp them against the wheels *d*, so as to prevent the latter from rotating, and thus stably retain the stove at the place desired, a relaxation of the nuts *c* permitting the plates to  
60 spring apart and the wheels to revolve.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—  
65

In a stove-caster, the combination, with a bracket-frame formed from elastic metal, having normally-parallel depending perforated flanges, of a pintle-bolt passing through said flanges and having a nut thereon, said pintle-bolt and nut being adapted to compress the depending flanges near their lower ends, and a normally-revoluble caster-wheel adapted to be clamped when the flanges are compressed, substantially as set forth.

WILLIAM H. VANCE.

Witnesses:

SAMUEL H. BOARD,  
GEORGE A. OWEN.