

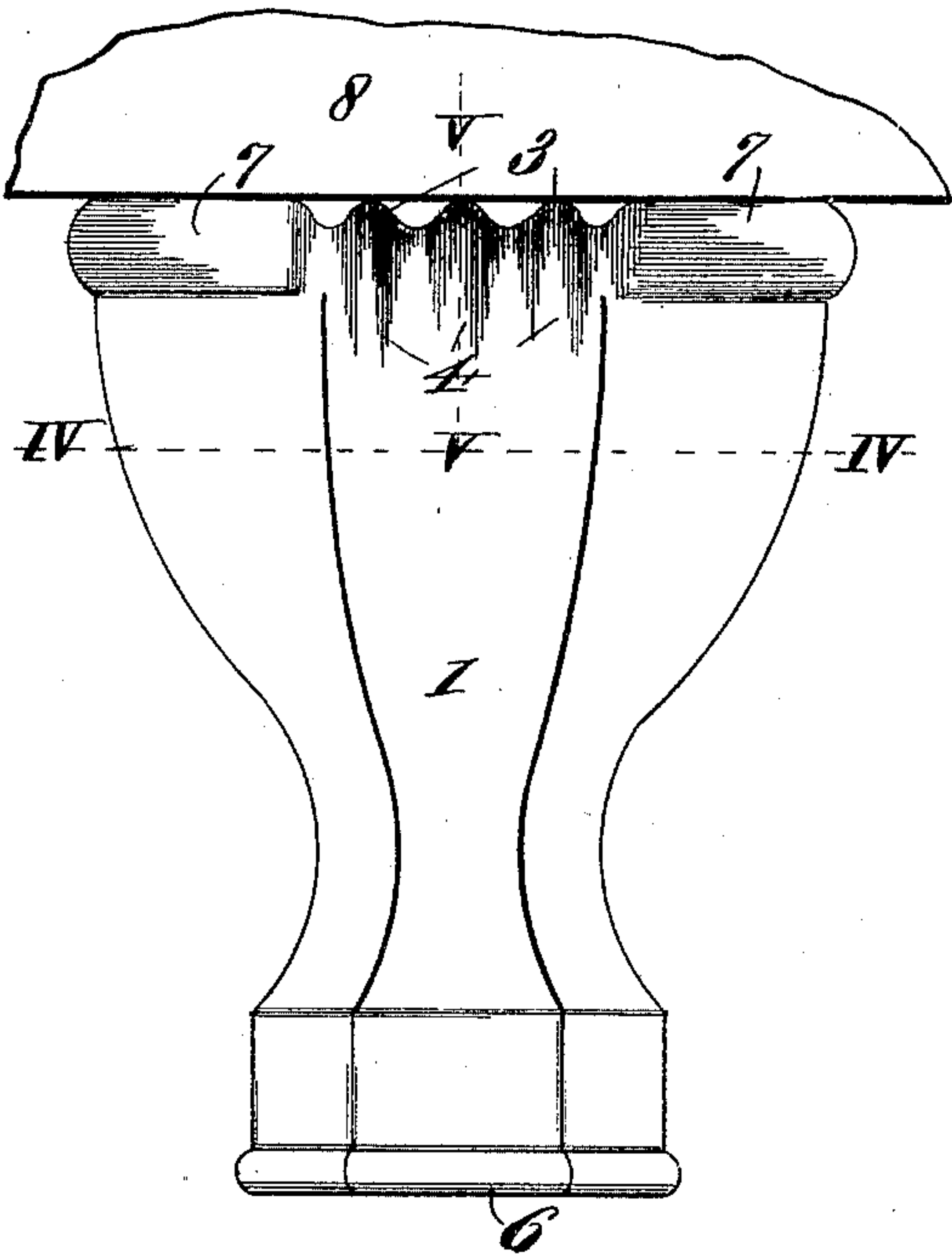
(No Model.)

J. B. SCHNEIDER.  
SHEET METAL STOVE LEG.

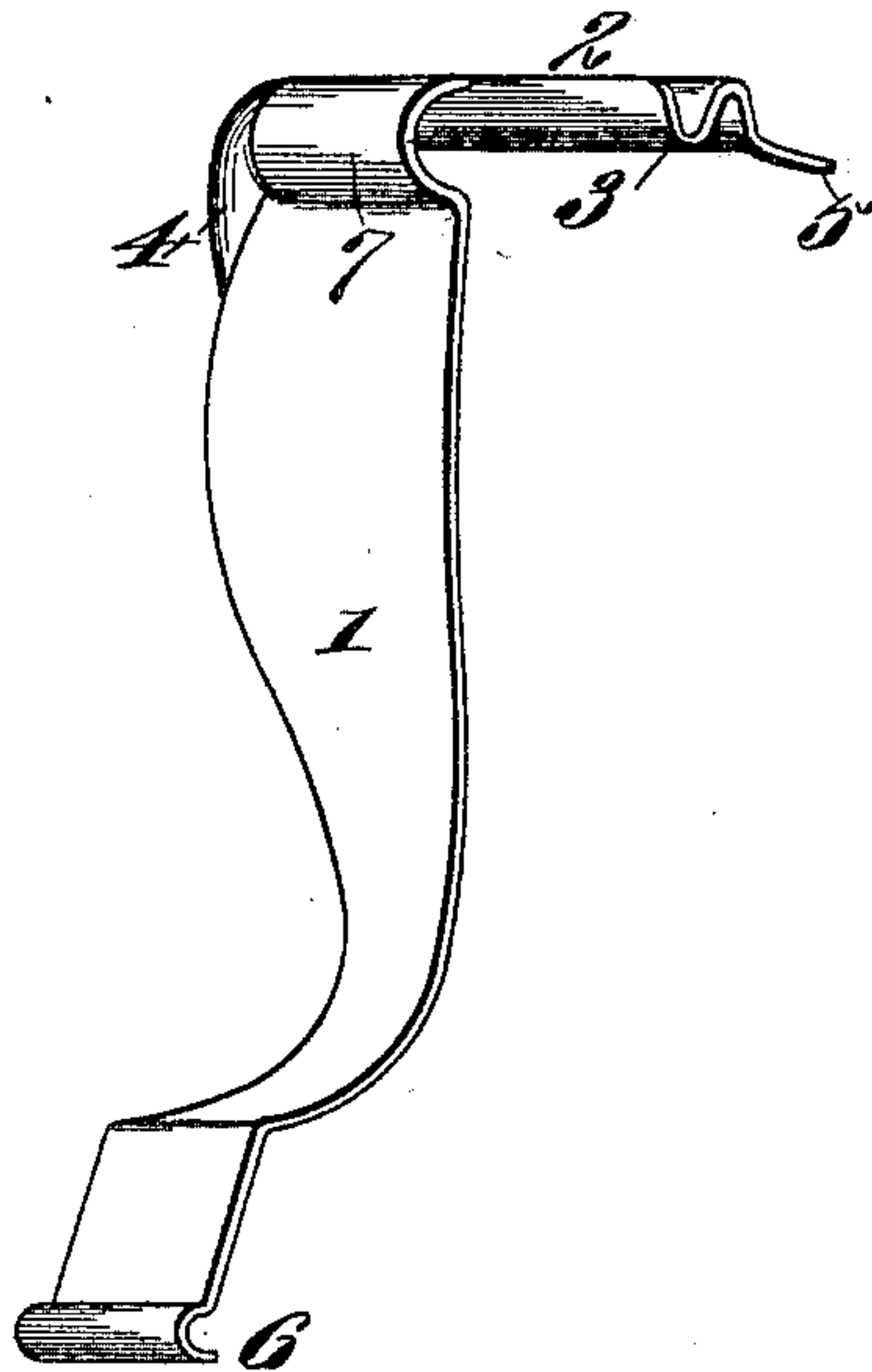
No. 604,639.

Patented May 24, 1898.

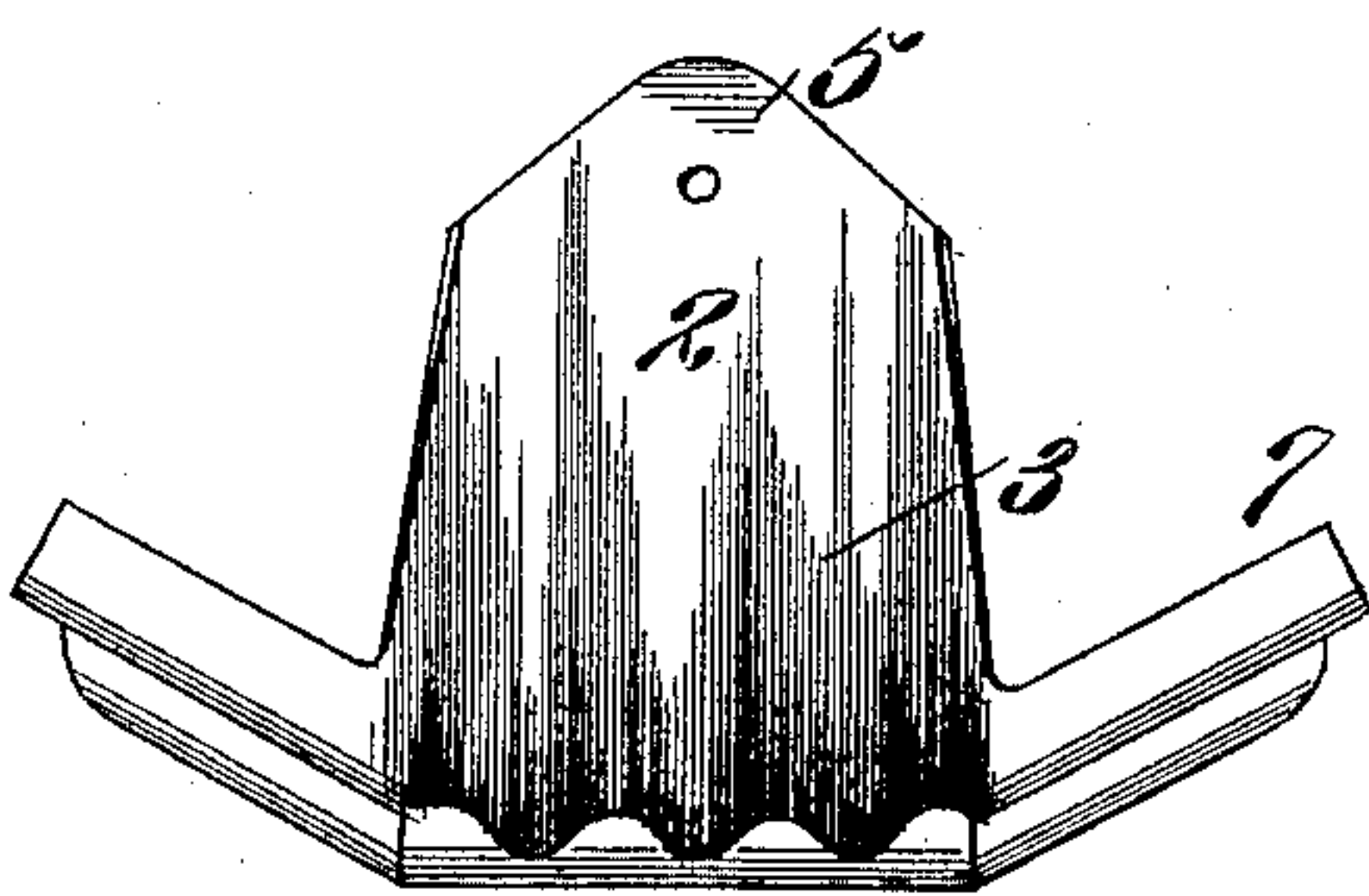
*Fig. I.*



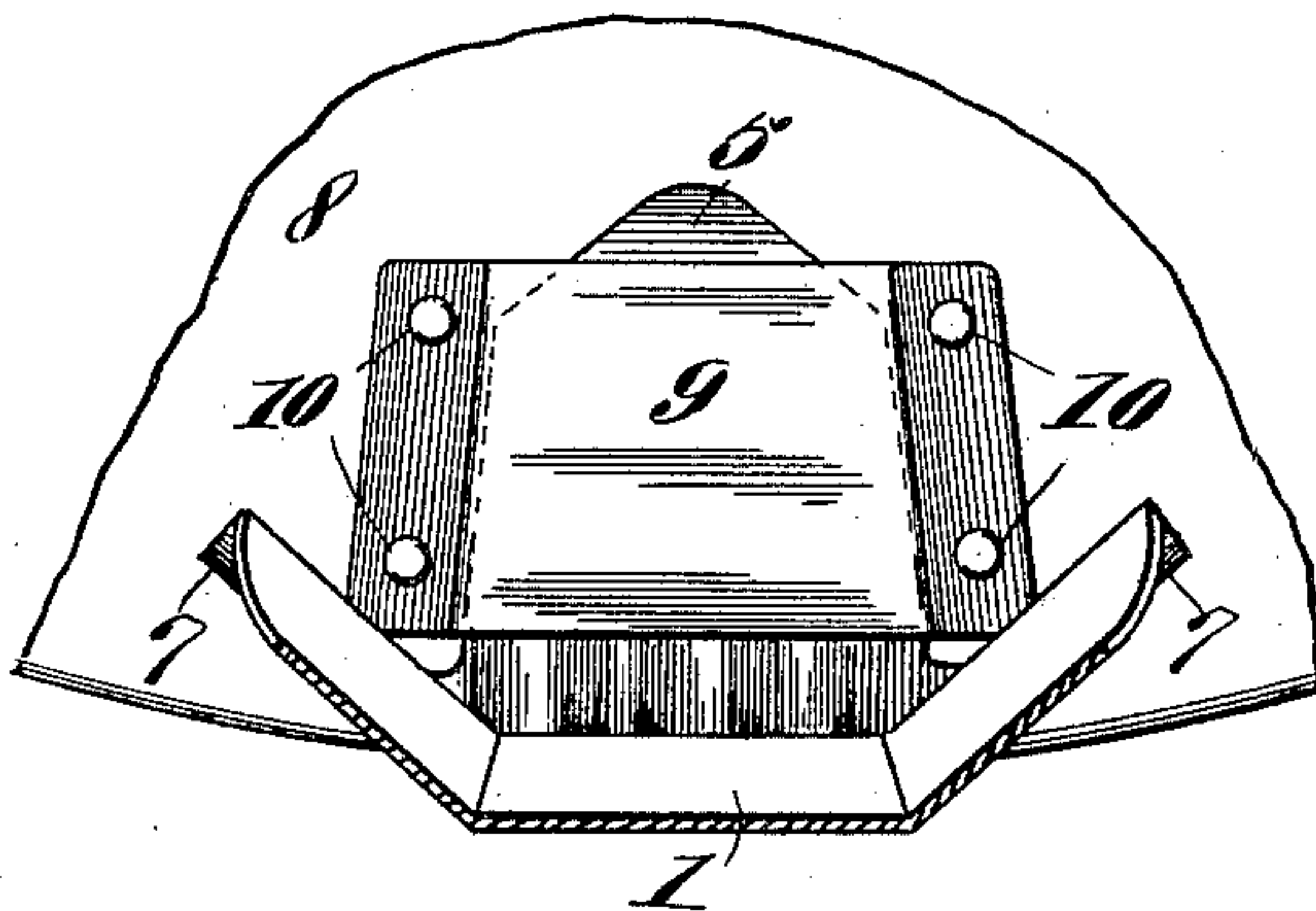
*Fig. II.*



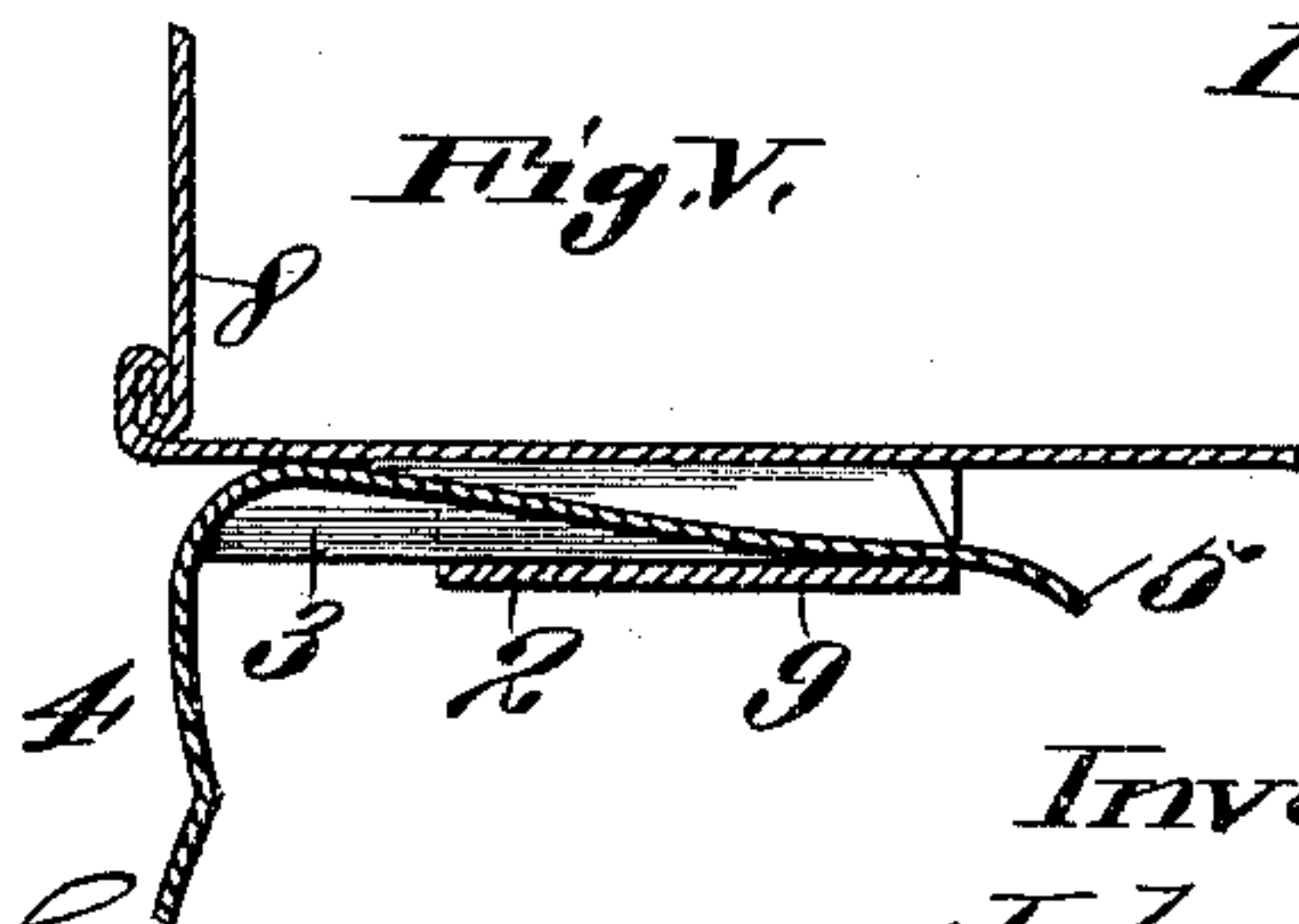
*Fig. III.*



*Fig. IV.*



*Fig. V.*



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# UNITED STATES PATENT OFFICE.

JOHN B. SCHNEIDER, OF ST. LOUIS, MISSOURI, ASSIGNOR TO H. GIVEN HAGEY, OF SAME PLACE.

## SHEET-METAL STOVE-LEG.

SPECIFICATION forming part of Letters Patent No. 604,639, dated May 24, 1898.

Application filed September 20, 1897. Serial No. 652,264. (No model.)

*To all whom it may concern:*

Be it known that I, JOHN B. SCHNEIDER, a citizen of the United States, residing at the city of St. Louis, in the State of Missouri, have invented a certain new and useful Improvement in Sheet-Metal Stove-Legs, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, forming a part of this specification.

The object of my invention is to construct a stove-leg from a blank cut out of sheet metal and so pressed and crimped that great strength and rigidity is gained, together with a means of holding the said leg in place. I accomplish this object by means of the device shown in the accompanying drawings, in which—

Figure I illustrates a front elevation of the stove-leg, showing a broken-away portion of the body of the stove. Fig. II shows a side elevation of the stove-leg. Fig. III is a top view thereof. Fig. IV is a view taken along the line IV IV of Fig. I, looking upward at the stove-bottom. Fig. V shows a vertical section taken along the line V V of Fig. 1.

1 is the main portion of the stove-leg, preferably bent into three sections, as shown in the drawings.

2 is a tongue bent at an angle slightly obtuse to the line of the portion 1. This tongue 2 is supplied with longitudinal corrugations or crimps 3, which extend nearly to the end thereof and which also extend vertically, as at 4, down over and onto the main portion 1. These corrugations or crimps serve to strengthen the device and to prevent buckling.

5 is the extreme end of the tongue 2, which is flat and slightly sprung downward, as will be hereinafter described.

6 is a turned-under portion at the bottom of the leg resting on the floor.

7 are transverse corrugations or crimps situated at the top and front of the leg, which provide an extended bearing-surface to support the stove.

8 is the stove-bottom, to which a socket-piece 9 is secured by a suitable means, as the rivets 10. The socket thus formed is approximately of a depth equal to the height of the corrugations 3 and of a tapering width equal

to that of the tongue 2. The tip 5 being slightly sprung, as described, reaches over the back of the socket-piece 9 and serves to lock the leg in place. This is a valuable feature, for it serves to prevent the leg from slipping out of place, as is the danger in other devices.

The stove-leg, stamped from a sheet of metal and formed as described, is particularly adapted for use on sheet-metal stoves; but the construction gives great strength and is capable of supporting several hundred pounds. When in use, its general appearance is the same as that of the usual cast metal. The leg, being made from sheet metal, is less than one-half as heavy as one made from cast-iron, yet it is much stronger in proportion, as the crimping is done in such a way as to produce the greatest resistance.

What I claim, and desire to secure by Letters Patent of the United States, is—

1. A sheet-metal stove-leg constructed with transverse corrugations 7 for providing an extended bearing-surface to support the stove, and with longitudinal corrugations 3 and 4 for strengthening the leg; substantially as described.

2. A sheet-metal stove-leg, having a horizontal tongue adapted to engage with the keeper of a stove, and a spring-tip on said tongue adapted to serve as a lock, substantially as described.

3. A sheet-metal stove-leg, provided at the top thereof with a horizontal corrugated tongue, said corrugations extending down over the front of said leg, a spring-tip on the end of said tongue, and transverse corrugations at the top of said leg which provide an extended bearing-surface to support the stove, substantially as described.

4. The combination of a sheet-metal stove-leg, said leg being provided with a horizontal tongue, a spring-tip on said tongue, and a socket secured to the stove-bottom into which said tongue is adapted to fit, and be locked by said spring-tip, substantially as described.

JOHN B. SCHNEIDER.

In presence of—

E. S. KNIGHT,  
STANLEY STONER.