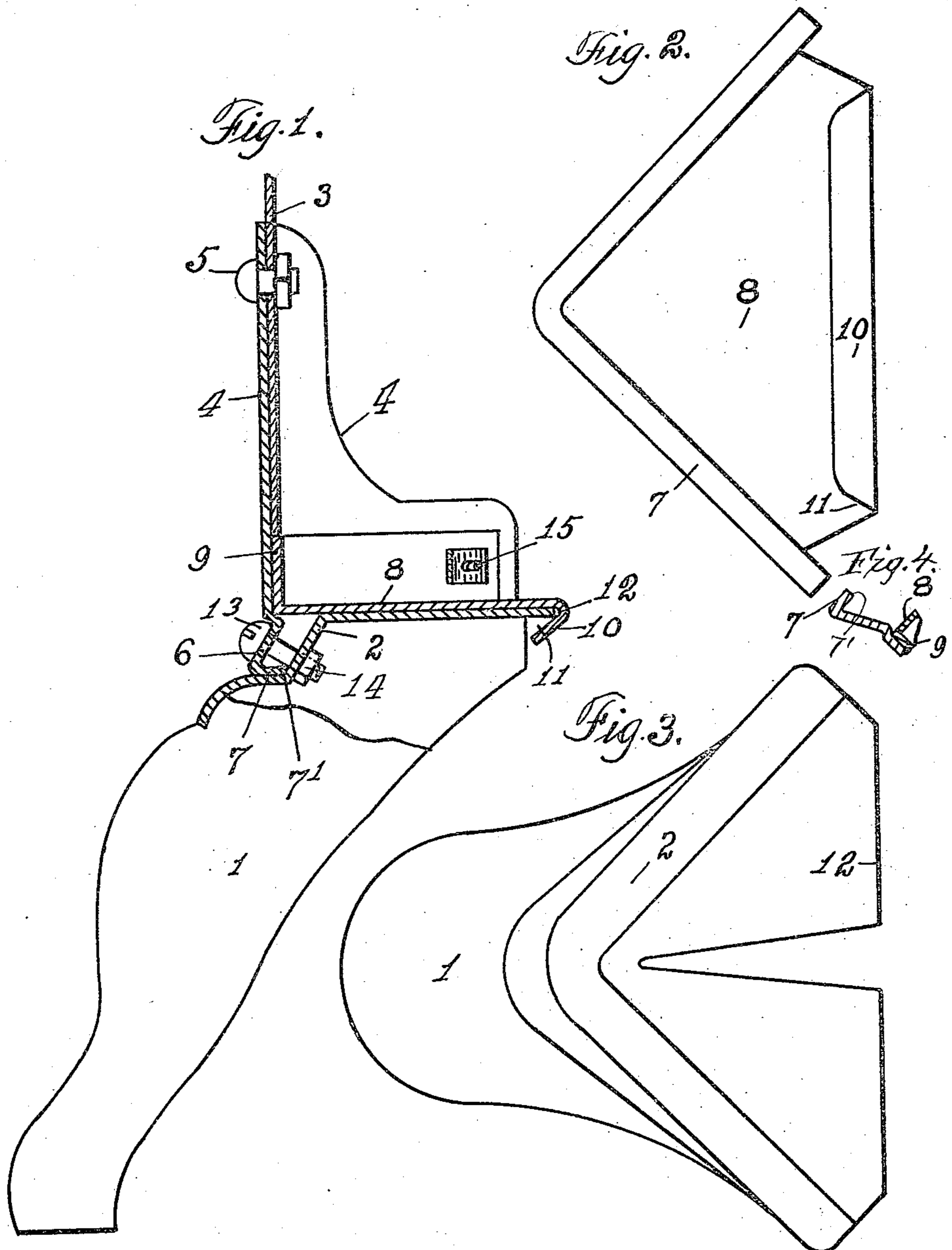


B. A. BAXTER.
STOVE LEG.
APPLICATION FILED APR. 2, 1909.

961,928.

Patented June 21, 1910.



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By

UNITED STATES PATENT OFFICE.

BERRY A. BAXTER, OF MANSFIELD, OHIO.

STOVE-LEG.

961,928.

Specification of Letters Patent. Patented June 21, 1910.

Application filed April 2, 1909. Serial No. 487,459.

To all whom it may concern:

Be it known that I, BERRY A. BAXTER, a citizen of the United States of America, residing at Mansfield, in the county of Rich-
5 land and State of Ohio, have invented certain new and useful Improvements in Stove-Legs, of which the following is a specification.

My invention relates to a removable leg
10 and is especially adapted to be used on a stove or the like. In transporting and shipping stoves from the factory, if the legs can not be removed, the stoves can not be shipped or packed in the car as conveniently and
15 compactly as they could be if the legs could be easily removed and replaced.

One of the objects of my improvement therefore is to provide a stove leg with suitable means of removably interlocking or connecting it to the stove body and removing
20 it therefrom, conveniently.

A further object is to provide means of stamping a stove leg and its connecting parts from sheet metal which produces a finer
25 finished leg than one made of cast iron and gives greater tensile strength for the same weight.

My invention further consists in affording facilities for removably retaining the
30 legs in place without the use of bolts unless it is desired to lift the stove from the floor in which case provision is made for the use of one bolt.

I attain these objects by the mechanism
35 illustrated in the accompanying drawing in which:

Figure 1 is a side sectional view of the leg, corner iron and coupling plate. It also shows the bolt connecting the corner iron
40 to the leg. Fig. 2 is a bottom plan view of the coupling plate showing a lipped portion which forms a groove and it also shows flanges. Fig. 3 is a plan view of the leg showing a raised or shouldered portion.
45 Fig. 4 is an end sectional view of the flange of the corner plate, coupling means and lipped portion thereof.

In the drawing, reference numeral 1 indicates a stove leg with the top or upper
50 shouldered portion 2 formed substantially V shape to correspond with the corner of the body of the stove. A part of the body is represented by reference numeral 3. The corner plate 4 is formed to fit the corner of the
55 stove body and is secured to the body by ordinary stove bolts 5. The lower portion 6

of the corner plate is bent outwardly from the body and the end is turned or bent inwardly forming a flange 7 which extends clear around the corner plate as shown in
60 Fig. 2 and rests upon the bottom of the upper shouldered portion 2 leaving the end 7' contacting with the shouldered portion 2. A coupling plate 8 having an upwardly extending flange 9 is secured to the corner
65 plate at such a point as will leave the portion 6 and flange 7 depending below the bottom of the plate 8.

The free end of the plate 8 is turned downwardly and inwardly forming a lipped
70 portion 10 providing a channel or groove 11 to engage with and abut against the end 12 of the leg when it is placed on the stove body. When it is desired to remove or replace a leg on the stove body, the leg is tilted
75 inwardly and the end 12 of the leg inserted in the groove 11 of the lipped portion 10. The leg is then tilted to a vertical position leaving the plane top of the leg in contact with the bottom of the plate 8 and the end
80 7' of the flange 7 of the corner plate 4 in contact with the shoulder formed on the portion 2 of the leg 1.

When the leg is coupled to the coupling plate in the manner described, the weight of
85 the stove and its appliances holds and retains the leg in place and prevents displacement and the stove can be moved on the floor in any direction without disconnecting or uncoupling the leg from the coupling plate.
90

The leg of the stove is retained in place when the stove is moved or shifted from its normal position by means of the lipped portion 10 which prevents the displacement of
95 the leg when it is moved in one direction and the flange 7 which prevents displacement when moved in the opposite direction. It will be observed that the corner plate is designed to inclose the upper portion 2 of the leg and the lipped portion 10 incloses
100 the end 12 of the leg.

In order to permit the stove to be lifted and at the same time keep the legs coupled or connected to the stove body, apertures are formed in the portion 2 of the stove leg
105 and lower portion of the corner plate 6 in alinement with each other and a stove bolt 13 is inserted in said aperture and held in place by the nut 14. Bolts 15 pass through apertures in the corner plate 4 and the up-
110 standing flange 9 to secure the coupling plate 8 in place.

The parts are designed to be stamped or pressed from sheet metal which, as is well known in the art, produces a stove leg of exceptional quality and durability with a smooth and clean finish.

Having fully described my invention what I claim and wish to secure by Letters Patent is:

1. A stove leg pressed from sheet metal combined with a corner plate pressed from sheet metal and adapted to be attached to a stove body and a coupling plate pressed from sheet metal secured to said corner plate and so constructed as to provide means of removing from or replacing the leg in the coupling plate, as and for the purpose described.

2. The combination of a stove body and leg; said leg having an upwardly extending angular portion, a corner plate provided with a flange to inclose said angular portion, a coupling plate attached to said cor-

ner plate and provided with a lipped portion to engage with the end of the leg as described and set forth.

3. A sheet metal stove leg having an upwardly extending portion forming a shouldered portion in combination with a sheet metal corner plate adapted to be secured to a stove body and a coupling plate with flanges and a lipped portion to interlock said stove leg to the corner plate as described.

4. The combination of a stove body and leg, a corner plate secured to said body and to the front side of said leg and a coupling plate secured to said corner plate and adapted to support the rear portion of said leg.

In testimony whereof I affix my signature in presence of two witnesses.

BERRY A. BAXTER.

Witnesses:

P. J. CHRIST,
C. U. BUNNELL.