

No. 801,690.

PATENTED OCT. 10, 1905.

E. RALLS.
PROTECTOR FOR STOVES.
APPLICATION FILED MAR. 18, 1905.

2 SHEETS—SHEET 1.

FIG. 1.

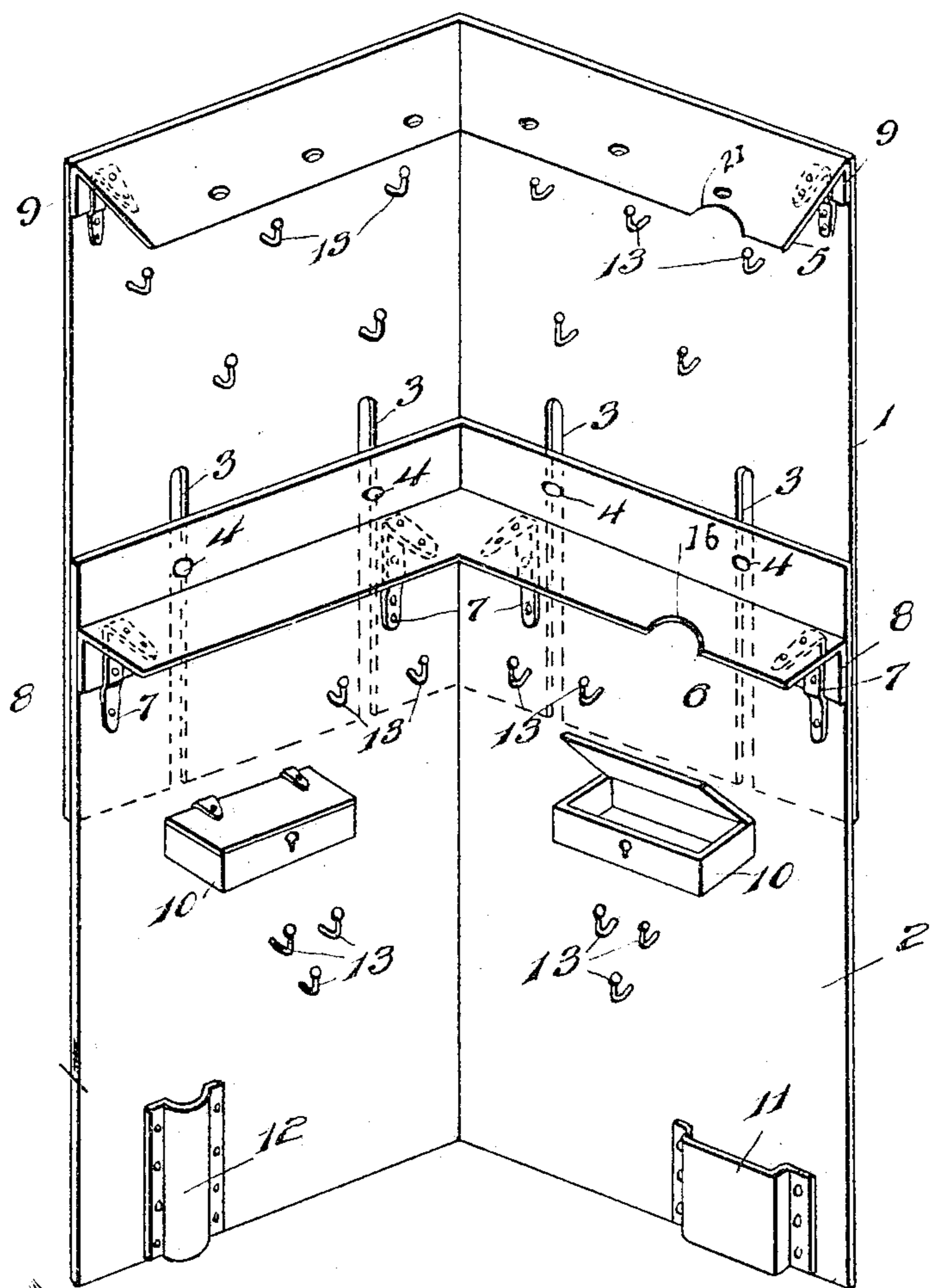
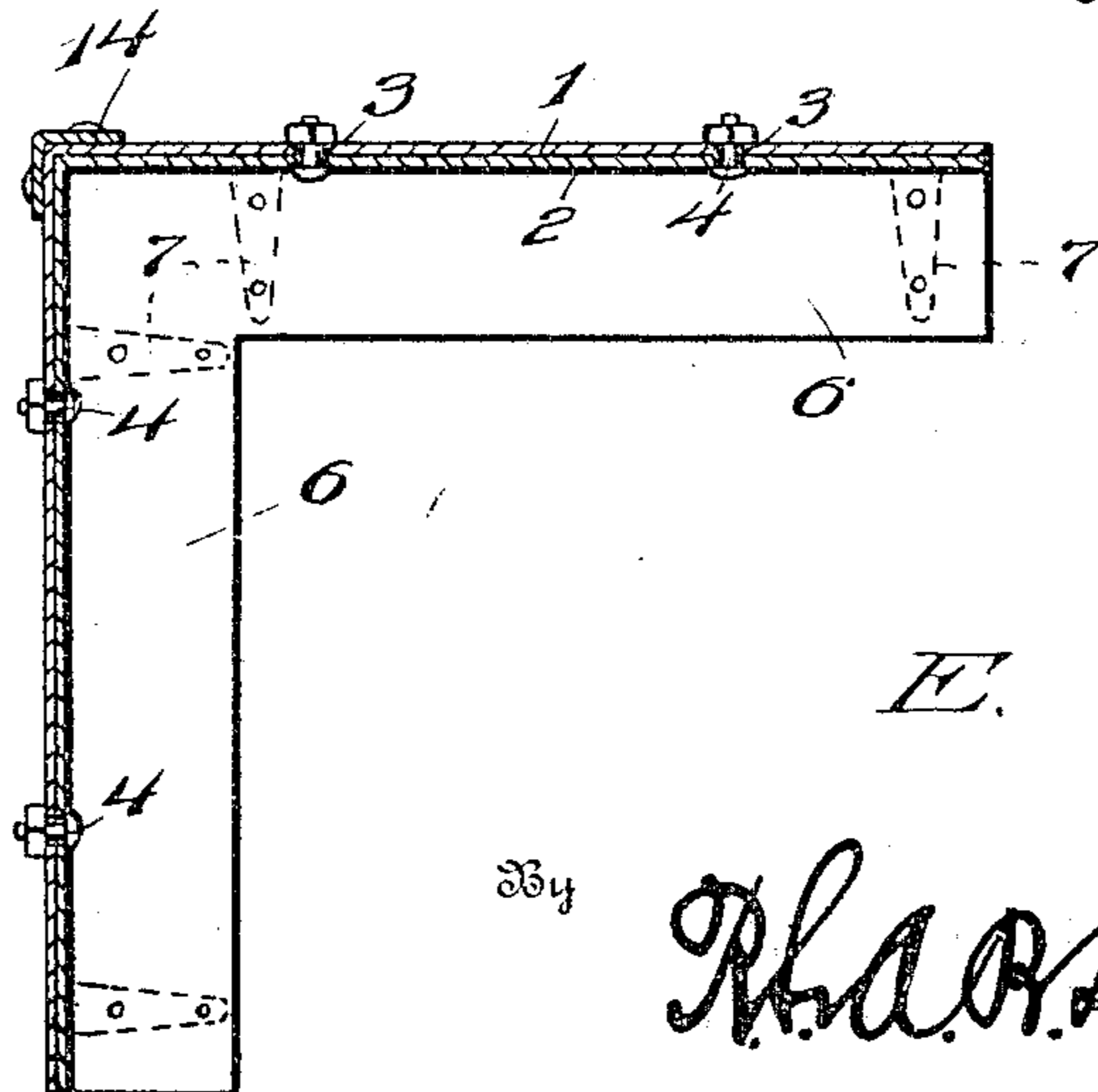


FIG. 2.



Witnesses

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2 SHEETS—SHEET 2.

FIG. 3.

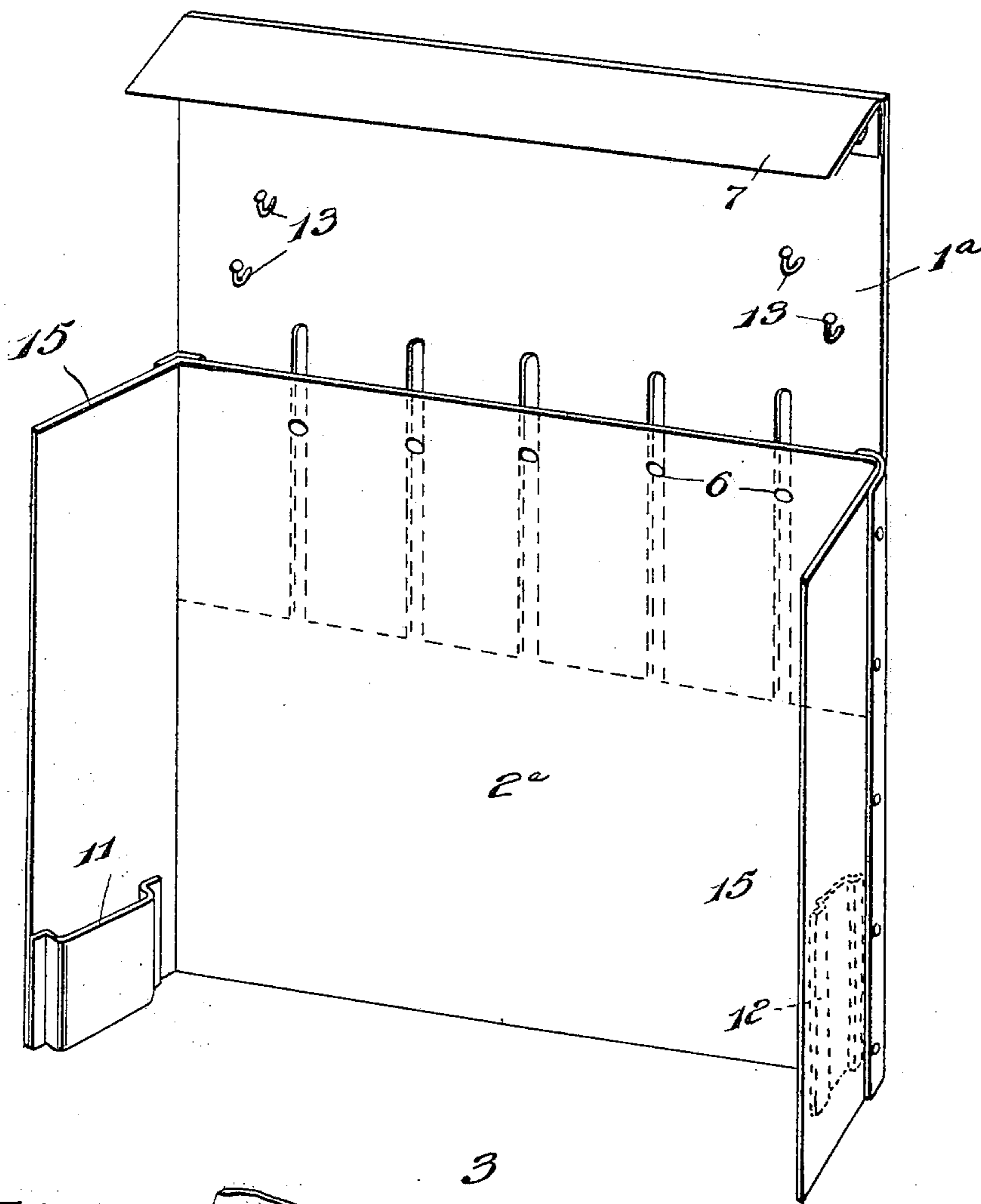
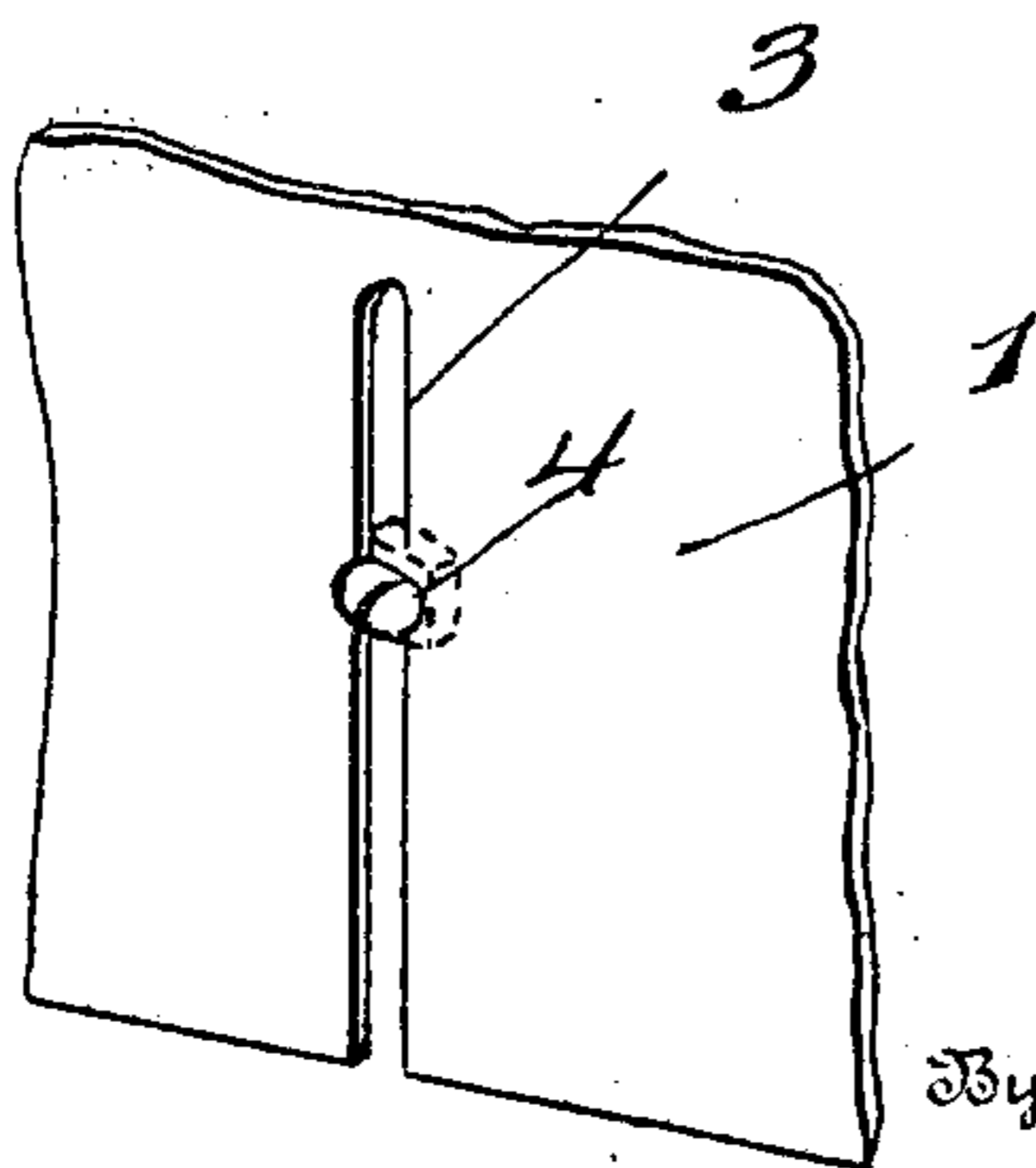


FIG. 4.



Witnesses

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UNITED STATES PATENT OFFICE.

EFFIE RALLS, OF DEADWOOD, SOUTH DAKOTA, ASSIGNOR OF ONE-HALF
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PROTECTOR FOR STOVES.

No. 801,690.

Specification of Letters Patent.

Patented Oct. 10, 1905.

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To all whom it may concern:

Be it known that I, EFFIE RALLS, a citizen of the United States, residing at Deadwood, in the county of Lawrence and State of South Dakota, have invented certain new and useful Improvements in Protectors for Stoves, of which the following is a specification.

The object of this invention is to provide a simple and serviceable means for use in rooms or compartments in which heated or other stoves are located adjacent a wall or in a corner of the compartment occupying such a position as to radiate great heat toward the adjacent walls.

The invention comprises a protector adapted to be interposed between the heater and the adjacent walls, so as to prevent likelihood of fire and endanger the building, the invention including a construction somewhat in the form of a cabinet for supporting articles convenient to the heater.

Further, the invention contemplates the provision of a protector of the type above mentioned, which is ornamental as well as serviceable for purposes which have been above premised.

For a full description of the invention and the merits thereof and also to acquire a knowledge of the details of construction of the means for effecting the result reference is to be had to the following description and accompanying drawings.

While the invention may be adapted to different forms and conditions by changes in the structure and minor details without departing from the spirit or essential features thereof, still the preferred embodiment is shown in the accompanying drawings, in which—

Figure 1 is a perspective view of the invention, showing the protector readily adapted for use where the heater is located in the corner of a room or compartment, said protector forming a convenient supporting means for culinary articles or the like. Fig. 2 is a horizontal sectional view of the invention as illustrated in Fig. 1. Fig. 3 is a perspective view showing a modification of the invention. Fig. 4 is a broken perspective view showing clearly the means for attaching the upper and lower sections of the protector.

Corresponding and like parts are referred to in the following description and indicated

in all the views of the drawings by the same reference characters.

The protector is preferably made of galvanized iron or metal of any kind and is composed of upper and lower sections 1 and 2, respectively. The upper section 1 is formed at its lower portion with a plurality of vertical slots 3, extending, preferably, from its lower edge, and fastenings, such as bolts 4 or the like, pass through openings in the upper portion of the lower section and through the slots 3, nuts being screwed to the bolts to firmly clamp the sections 1 and 2 in position at a suitable adjustment. The fastening means for the sections 1 and 2 are such that the said sections may be raised or lowered one relative to the other, and the protector is thus adapted for use in connection with larger or smaller sized heaters in a manner which will be readily apparent.

As shown in Figs. 1 and 2, the sections of the protector are of angular formation, so that the same may be disposed in a corner of a room or compartment, preventing all likelihood of scorching or burning of the walls by the heater. Projecting outwardly from the upper extremity of the upper section 1 is a protecting-ledge 5, which is designed to increase the ornamental effect or appearance of the protector, accomplishing a serviceable function in preventing dust or foreign matter from falling upon the shelf 6, located near the upper portion of the lower section 2. The shelf 6 is supported by brackets 7 and may be adjustable vertically in the contemplation of the invention. Culinary articles of any kind may be placed upon the shelf 6, and this element of the protector may of course be used for any of the various purposes for which a supporting member of this class is commonly used. The ledge or projecting member 5 is slightly wider than the shelf 6 and accomplishes the function which has been mentioned before. A vertical flange 8 projects downwardly from the rear edge of the shelf 6, as shown clearly in Fig. 1 of the drawings, and the part 5 is likewise provided with a similar flange, (designated 9.) Arranged beneath the shelf 6 and secured in any suitable manner to the sides of the protector are boxes or receptacles 10, provided with suitable lids or covers, and these receptacles may be util-

ized to contain knives or any similar articles which may be conveniently arranged therein. One of the boxes or receptacles 10 is somewhat larger than the other preferably. Below the boxes 10 and near the lower extremity of the section 2 are secured the shovel-holder 11 and the poker-holder 12, said holders being arranged upon opposite side portions of the section 2.

10 A plurality of hooks, pegs, or similar supporting members 13 are carried by the protector, and these members project outwardly therefrom above the shelf 6 and beneath said shelf and the boxes 10. The members 13
15 are utilized to support utensils or the like and are advantageously disposed, so as to be convenient to arrange any articles which it may be desired to suspend therefrom. The hooks 13 are located at intervals. The various parts 5, 6, 10, 11, and 12, as well as the sections 1 and 2 of the protector, are readily adapted to be separated or removed from connected positions, so as to facilitate cleaning of the protector at any time. The angularly-
25 extending sides of the sections 1 and 2 are preferably secured together by means of angle-plates 14, which are directly attached to these sections at the rear and in the corner portion thereof.

30 Fig. 3 shows a modification of the invention embodying the preferred form of the range-protector, and in this instance the ledge or projecting part 5 is also carried by an upper section 1^a, which is slidably mounted with relation to the lower section 2^a. The sections 1^a and 2^a of the protector are not of angular formation, as described with reference to the construction in Figs. 1 and 2, said sections, however, being secured together in substantially the same manner. Any suitable number of the supporting members 13 may be also carried by the sections 1^a and 2^a. Extending outwardly from the vertical edge portions of the lower section 2^a are wings 15, and upon
45 the inner sides of the wings 15, near the lower portions, are located the shovel-holder 11 and the poker-holder 12, said parts having suitable bottoms and being removable from the section 2^a, as indicated with reference to the
50 first-described construction. The protector in Fig. 3 is designed for use in compartments where the heater is located between the cor-

ners of the walls of the same, in which instance the protector is positioned firmly against the wall. The wings 15 are attached
55 to the lower section 2^a by means of angle-plates similar to those by which the sides of the sections 1 and 2 of the protector shown in Figs. 1 and 2 are secured together.

The pipe of the stove is accommodated by a recess 16, formed in the length of the shelf 6 in the structure in Fig. 1, said recess being of a suitable size to receive the pipe as the latter extends from the stove to the chimney.

The ledge 5 is provided with a cut-away portion 21 to receive a stovepipe similar to that provided upon the shelf 6, and said ledge is likewise supported by brackets or similar members suitably attached to the upper section. The ledge 5 may be provided with a
70 plurality of apertures to permit attachment of incandescent lights thereto, said apertures being indicated at 20.

Having thus described the invention, what is claimed as new is—

1. In a stove-protector, the combination of upper and lower sections, fastenings securing the sections together, and a ledge or projecting member extending outwardly from the upper portion of the upper section.

2. In a protector for heaters, the combination of upper and lower sections adjustable relative to one another, and a ledge or projecting member extending outwardly from the upper extremity of the upper section, the
85 lower section embodying angularly-extending members.

3. In a protector for stoves or the like, the combination of upper and lower sections, the upper section being provided with a plurality
90 of vertical slots at its lower portion, fastenings at the upper portion of the lower section passing through the slots of the upper section and affording adjustable connection between the two sections, and a ledge or projecting
95 member extending outwardly from the upper extremity of the upper section.

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

EFFIE RALLS. [L. s.]

Witnesses:

HERMAN BISCHOFF,
NEIL McDONOUGH.