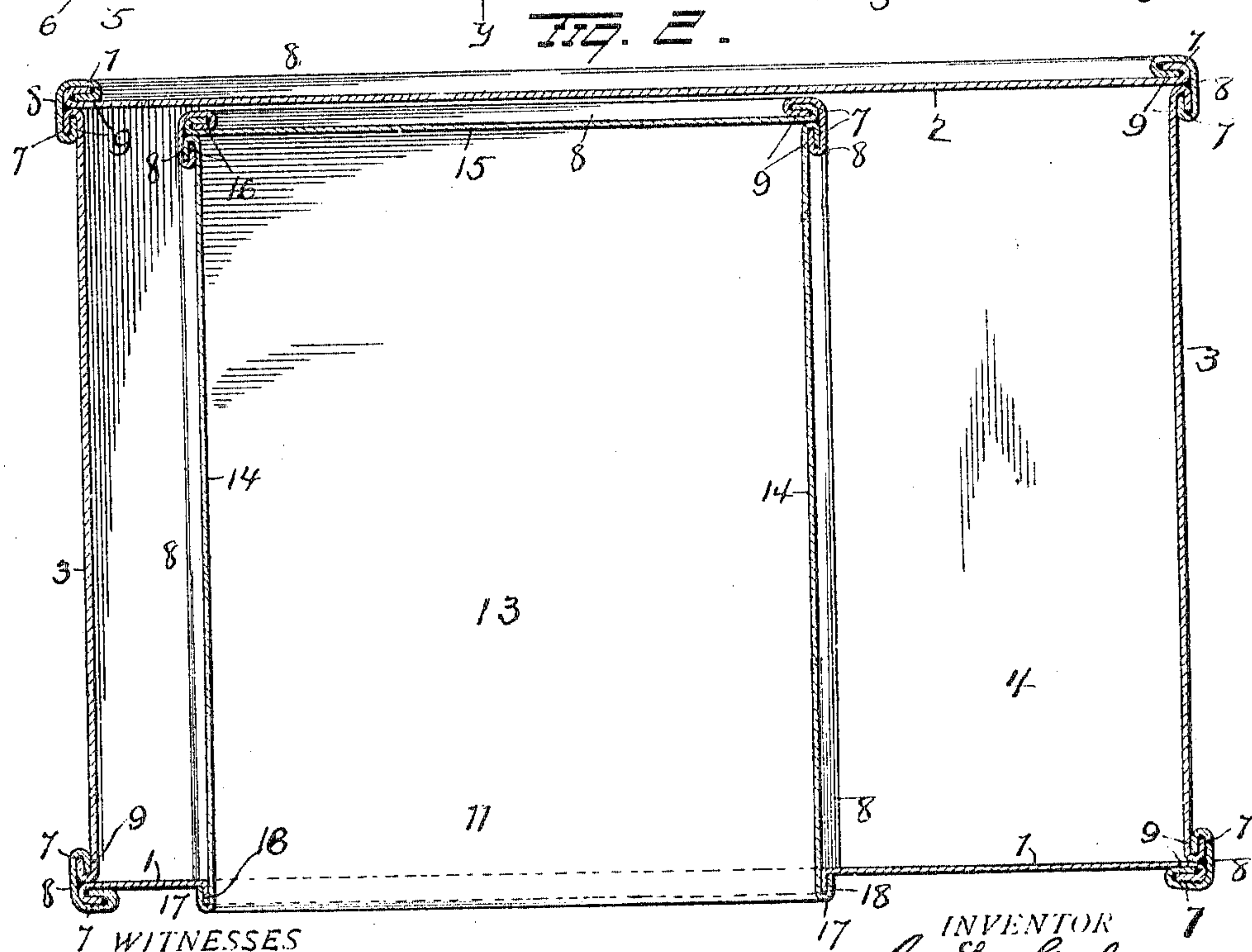
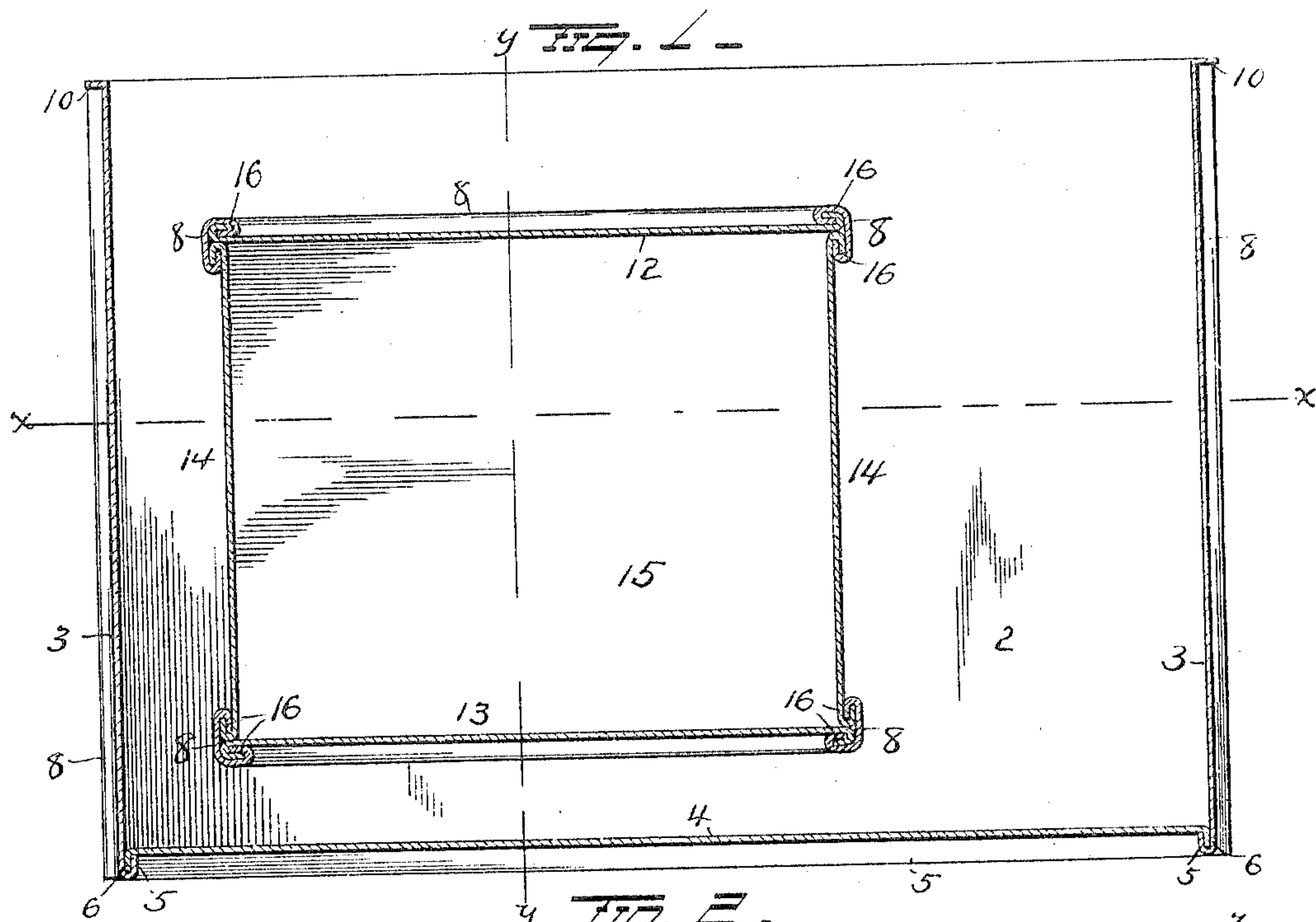


C. L. GOHMANN.
KNOCKDOWN RANGE.
APPLICATION FILED FEB. 20, 1903.

2 SHEETS—SHEET 1.



7 WITNESSES

E. Nottingham
G. J. Downing

INVENTOR

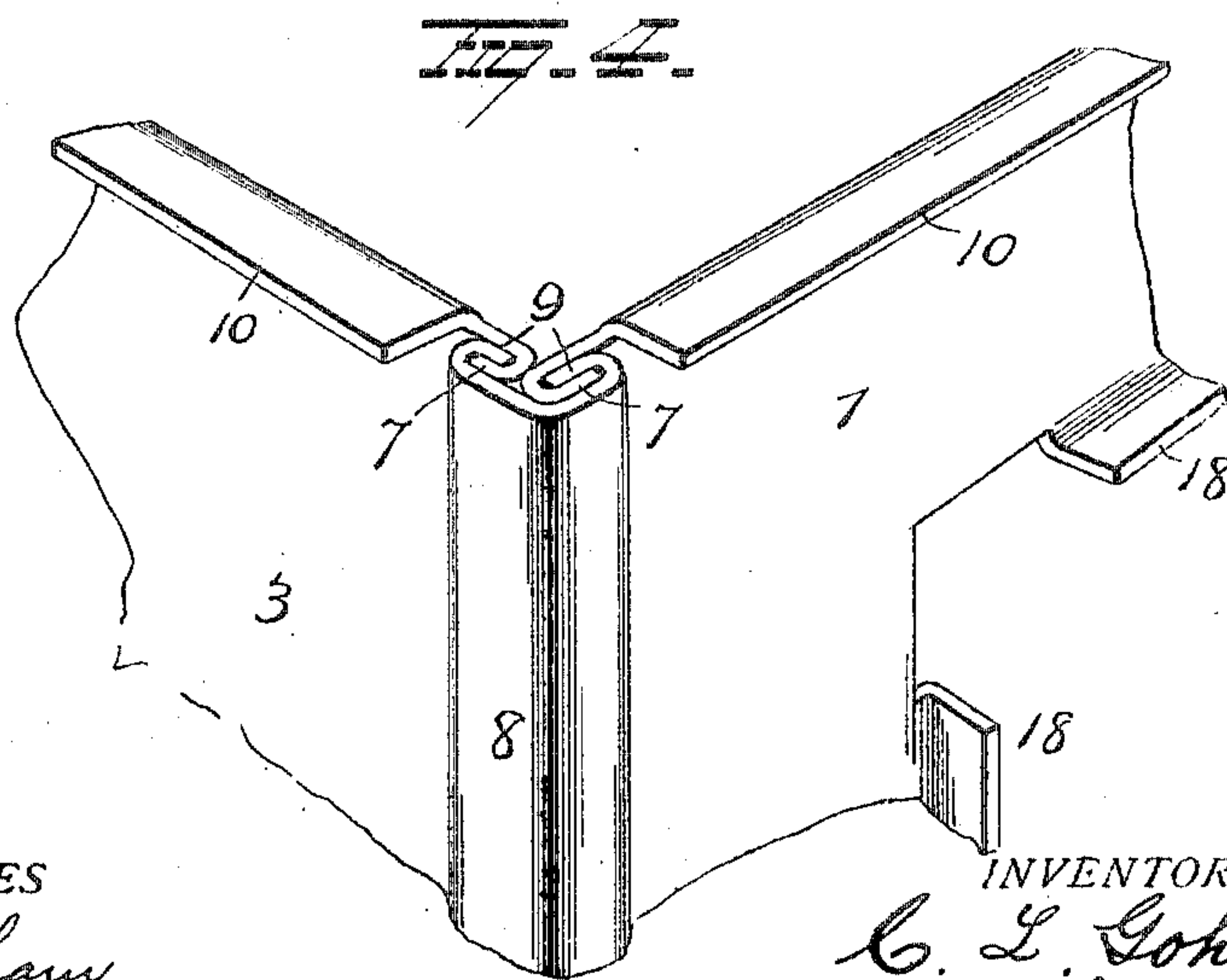
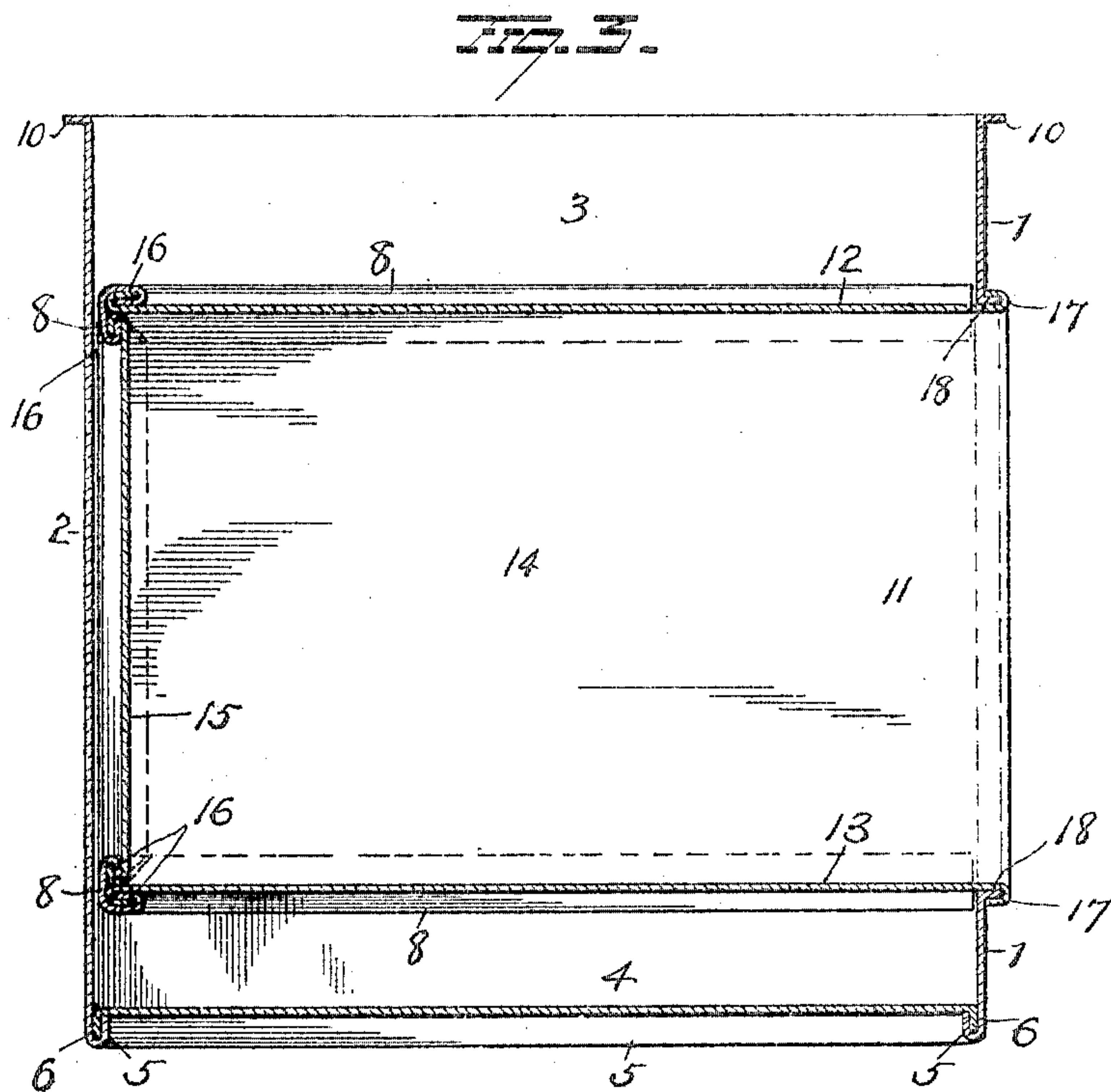
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No. 804,596.

PATENTED NOV. 14, 1905.

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2 SHEETS—SHEET 2.



WITNESSES

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UNITED STATES PATENT OFFICE.

CHARLES L. GOHMANN, OF NEW ALBANY, INDIANA, ASSIGNOR OF TWO-THIRDS TO EDMUND G. GOHMANN AND JOSEPH KAHLER, OF NEW ALBANY, INDIANA.

KNOCKDOWN RANGE.

No. 804,596.

Specification of Letters Patent.

Patented Nov. 14, 1905.

Application filed February 20, 1903. Serial No. 144,300.

To all whom it may concern:

Be it known that I, CHARLES L. GOHMANN, a resident of New Albany, in the county of Floyd and State of Indiana, have invented certain new and useful Improvements in Knockdown Ranges; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to an improvement in knockdown ranges, the object of the invention being to provide improvements of this character in which all of the walls of the range are removably connected without the aid of bolts, rivets, screws, or other like devices and in which the oven, made up of removable sections, is removably supported in the range-body; and with these objects in view the invention consists in certain novel features of construction and combinations and arrangements of parts, as will be more fully hereinafter described, and pointed out in the claim.

In the accompanying drawings, Figure 1 is a view in longitudinal vertical section, illustrating my improvements. Fig. 2 is a view in section on the line xx of Fig. 1. Fig. 3 is a view in section on the line yy of Fig. 1, and Fig. 4 is an enlarged view illustrating my improved joint.

1 represents the range-front, 2 the back, 3 the ends, and 4 the bottom, thereof. The front, back, and ends are made at their lower edges with inwardly and upwardly turned flanges 5 to receive downwardly-bent flanges 6 on the bottom 4 and secure the latter in position.

At the vertical meeting edges of the front, back, and ends each member is made with a flange 7, bent back upon itself, and my improved corner coupling-strips 8 connect them. These coupling-strips comprise a strip of sheet metal bent longitudinally at the center at right angles and again bent longitudinally at both sides of the center, forming flanges 9, which when the coupling-strip is slid longitudinally onto the meeting flanges 7 are disposed behind the flanges 7, or, in other words, between said bent-back flanges 7 and the plates with which they are integral, to securely couple the plates together and form a

tight but removable joint. These coupling-strips 8 can be slid off the flanges 7 when it is desired to remove a plate or in knocking down or assembling the range, and as the construction and operation are extremely simple any one of average intelligence can take apart and put the range together.

The upper edges of the front, back, and ends are made with flanges 10 to support the ordinary cast-iron top, (not shown,) and suitable feet and other attachments of an ordinary range can be secured in any approved manner.

The front 1 has an angular opening to receive an oven 11, which latter comprises a top 12, bottom 13, sides 14, and inner end 15, all having backwardly-turned flanges 16 at their meeting edges to receive coupling-strips 8. The forward edges of the oven-top 12, bottom 13, and sides 14 are bent back, forming flanges 17 to engage outwardly-projecting flanges 18 around the oven-opening in front 1, and thereby hold the oven in proper position but permit its removal when desired, and an oven-door of any desired construction can be mounted on the range-front by the aid of any suitable frame.

All of the plates above described are composed of sheet metal, and the range can be cheaply made, and it will be seen that with my improvements each and every plate is removably secured in position without the aid of bolts, rivets, screws, and other like connecting devices and that while the coupling-strips 8 hold the parts securely and tightly together they can be readily removed when it is desired to replace any injured part, and it will be further noticed that by so constructing my improvements I provide a knockdown range and oven therefor, all of which can be shipped in a small package and can be readily assembled for sale or use.

A great many slight changes might be made in the general form and arrangement of the parts described without departing from my invention, and hence I do not confine myself to the precise details set forth, but consider myself at liberty to make such slight changes and alterations as fairly fall within the spirit and scope of my invention.

Having fully described my invention, what

I claim as new, and desire to secure by Letters Patent, is—

5 A knockdown range comprising a body portion consisting of metal sheets removably connected together at their edges, the front sheet having an oven-opening therein, and integral flanges projecting outwardly from the edges of said oven-opening, and an oven consisting
10 at their edges, said oven disposed in the body portion of the range and having flanges pro-

jecting through the oven-opening and bent to embrace the outwardly-projecting flanges around the oven-opening.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

CHARLES L. GOHMANN.

Witnesses:

HERMAN KNIRIHM,
JOS. BRUNS.