

No. 888,160.

PATENTED MAY 19, 1908.

A. E. GROCHAU.

PAN.

APPLICATION FILED OCT. 24, 1906.

Fig. 1.

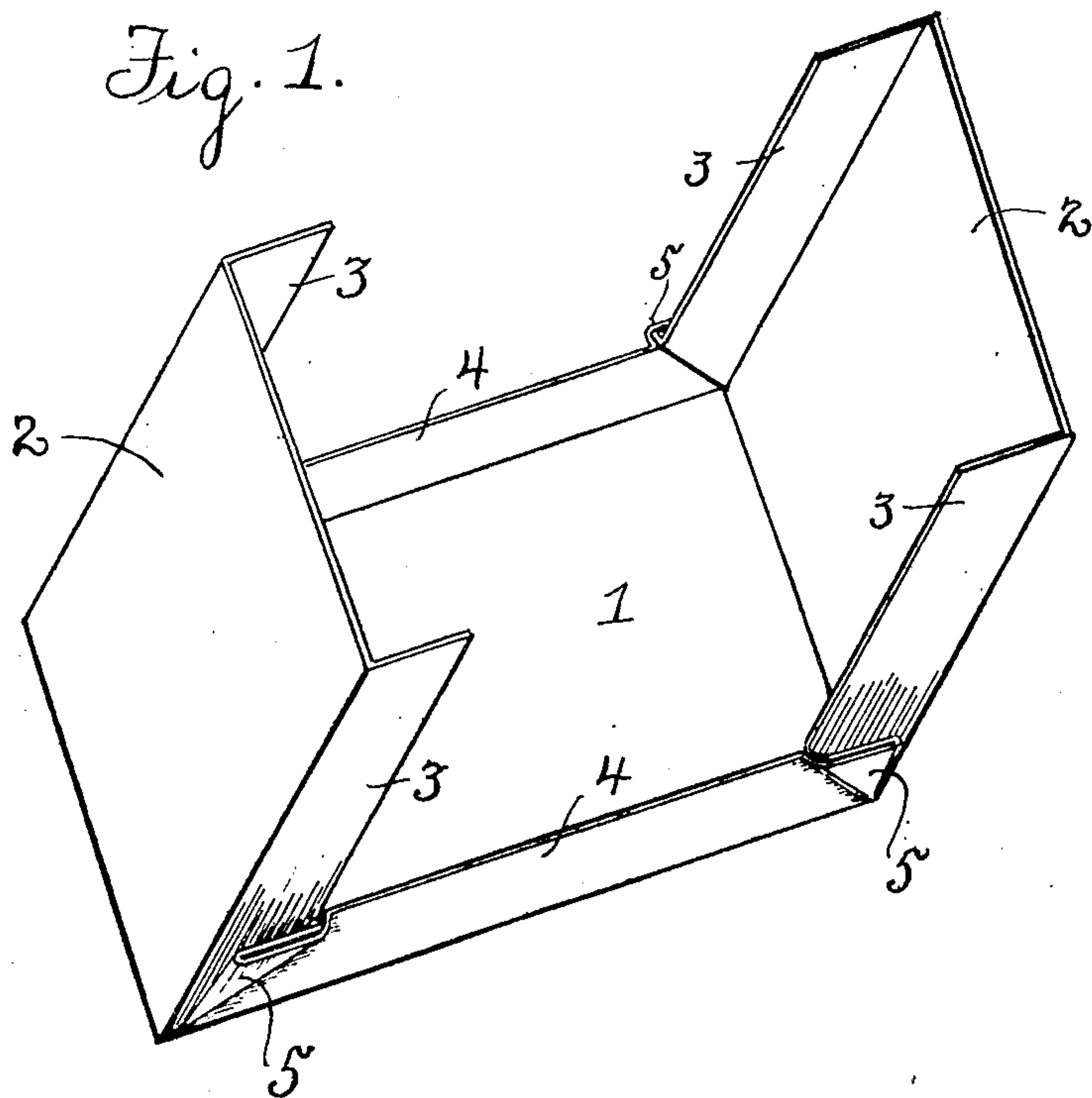
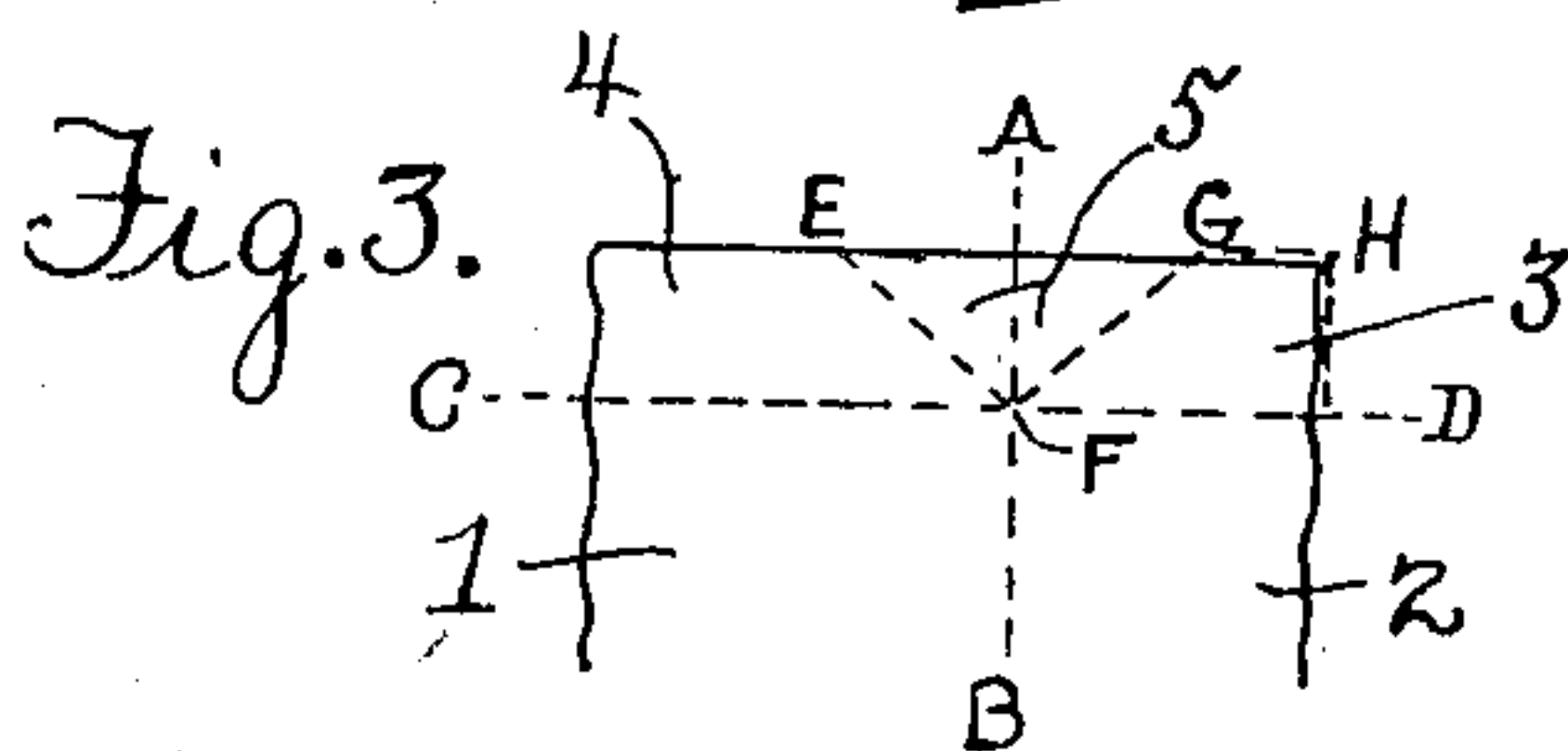
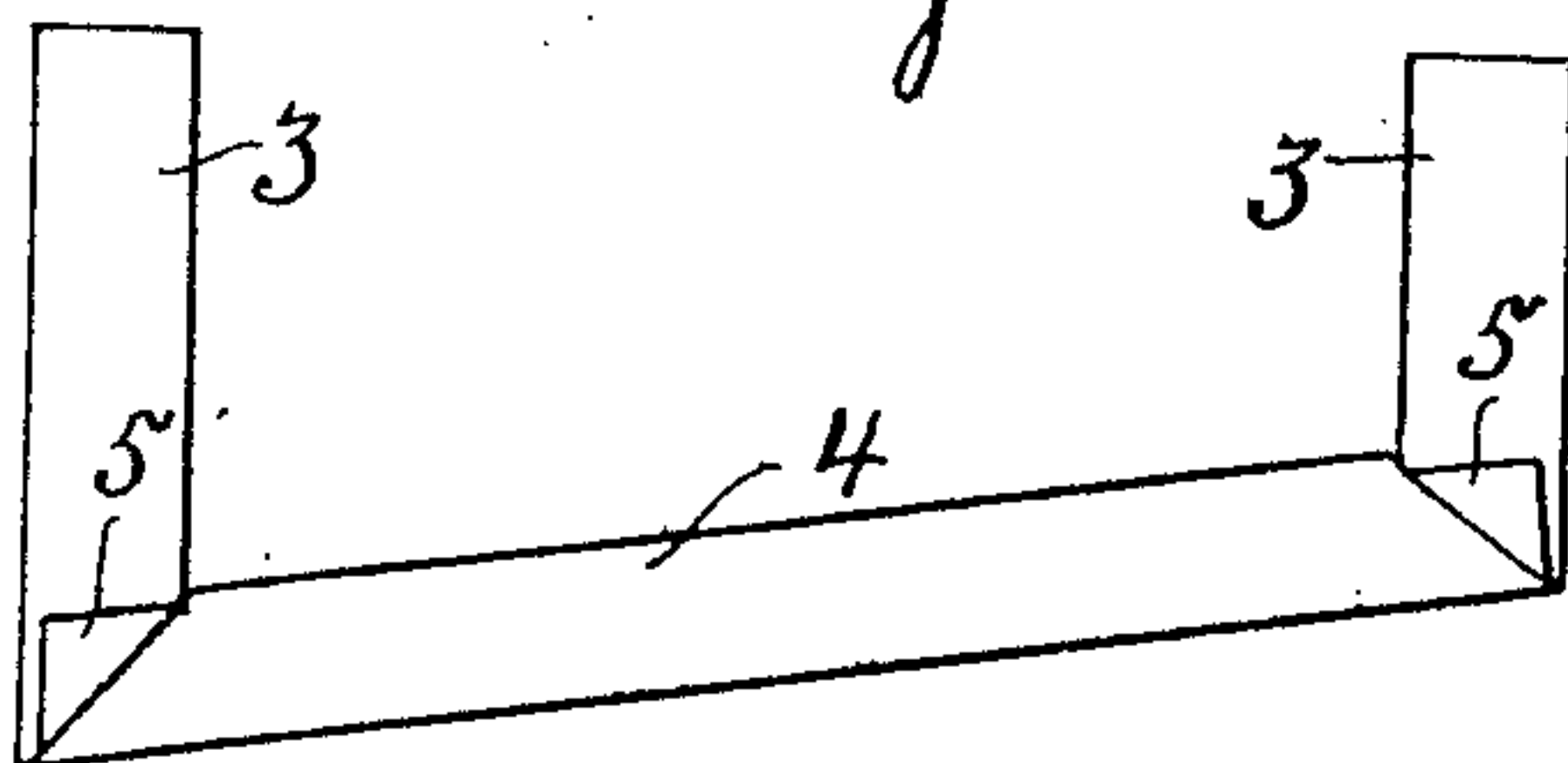


Fig. 2.



WITNESSES:

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PAN.

No. 888,160.

Specification of Letters Patent.

Patented May 19, 1908.

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To all whom it may concern:

Be it known that I, AUGUSTUS EDWIN GROCHAU, a citizen of the United States, residing at Eau Claire, in the county of Eau Claire and State of Wisconsin, have invented certain new and useful Improvements in Pans; 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 pans, and has for its object the construction of a pan of a single piece of sheet metal or other suitable material bent to shape and having a water tight corner, in which pan the end walls, or one of them, may be bent at an acute or an obtuse angle with respect to the floor, whereby a floor inclined with respect to the end walls may be obtained. With these and other objects in view, it consists of the construction hereinafter described and claimed.

In the drawings Figure 1, is a perspective view of a pan embodying my invention. Fig. 2, is a reduced side elevation thereof, and Fig. 3 is a fragmentary detail plan view of a blank sheet of metal for forming such a pan, showing certain of the lines upon which the sheet is bent to form one corner of the pan.

In the drawings a pan is shown having a floor 1; end walls 2, 2, provided with flanges 3, 3; shallow side walls 4, 4, and corner bends, or portions, 5, 5. In forming a corner of said pan, one end of the sheet is bent up on the line F—B to form one of the end walls 2, and at the same time one side of the sheet is bent up on the line C—F to form one of the side walls 4, and at the same time the portion demarked by the broken lines E—F—G and the solid line E—G is forced outwardly to partly form one of the corner bends or offsets 5, and the portion demarked by the lines G—F—D—H is at the same time, bent inwardly on the line F—D to form one of the flanges 3, so that the bent edge F—G contacts with and abuts against the bent edge E—F. The outwardly pressed corner bend 5 will now extend approximately at right angles to the face of the flange 3, said corner portion is thereafter bent toward the end of the pan so as to extend parallel with the face of said flange 3 and preferably at a short distance therefrom.

To form the whole pan, each corner is preferably formed at the same time and in the

manner heretofore described for forming one corner, though, if desired certain of the bends may be formed at one side, or at one or another corner after similar bends have been formed at the opposite side or at one or another of the other corners. While I have described one method of forming said pan, it is obvious that some of the bends may, within the scope of my claims, be made before certain of the other bends are made. It will be observed that in the completed pan, what I have described as the flanges 3 will become in effect a portion of the side walls.

I am aware that a pan having water-tight corners, has heretofore been made by bending a single sheet of metal to form the bottom, ends and sides; but I am not aware that such a pan, other than in accordance with my said invention, has been made having outwardly turned corner bends, whereby a smooth inner corner and an end wall extending at an acute angle to the floor is, permitted or obtained. The smooth inner corner of my said pan permits of its being more easily cleaned, and the cleaning is therefore likely to be more perfect, resulting in a more sanitary condition.

My invention is especially suitable for use in refrigerators where a removable pan having end walls parallel or approximately parallel with the walls of the refrigerator, and having an inclined floor, is desired.

It is obvious that the degree of angle of the walls of the pan with relation to the floor may be varied by changing the angle of the various lines upon which the sheet of metal is bent.

Having now described my invention, what I claim is,

A pan made from a single sheet of material comprising a bottom, side and end walls and inturned side flanges on the end walls, the excess material connecting the side walls and the side flanges being folded outwardly so as to form oblique shoulders on the said side walls and side flanges, said shoulders abutting against each other so that the side walls and side flanges will be in the same plane, and the outer part of the fold being bent up parallel with the side flanges.

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

AUGUSTUS EDWIN GROCHAU.

Witnesses:

JAMES T. WATSON,
J. G. VIVIAN.