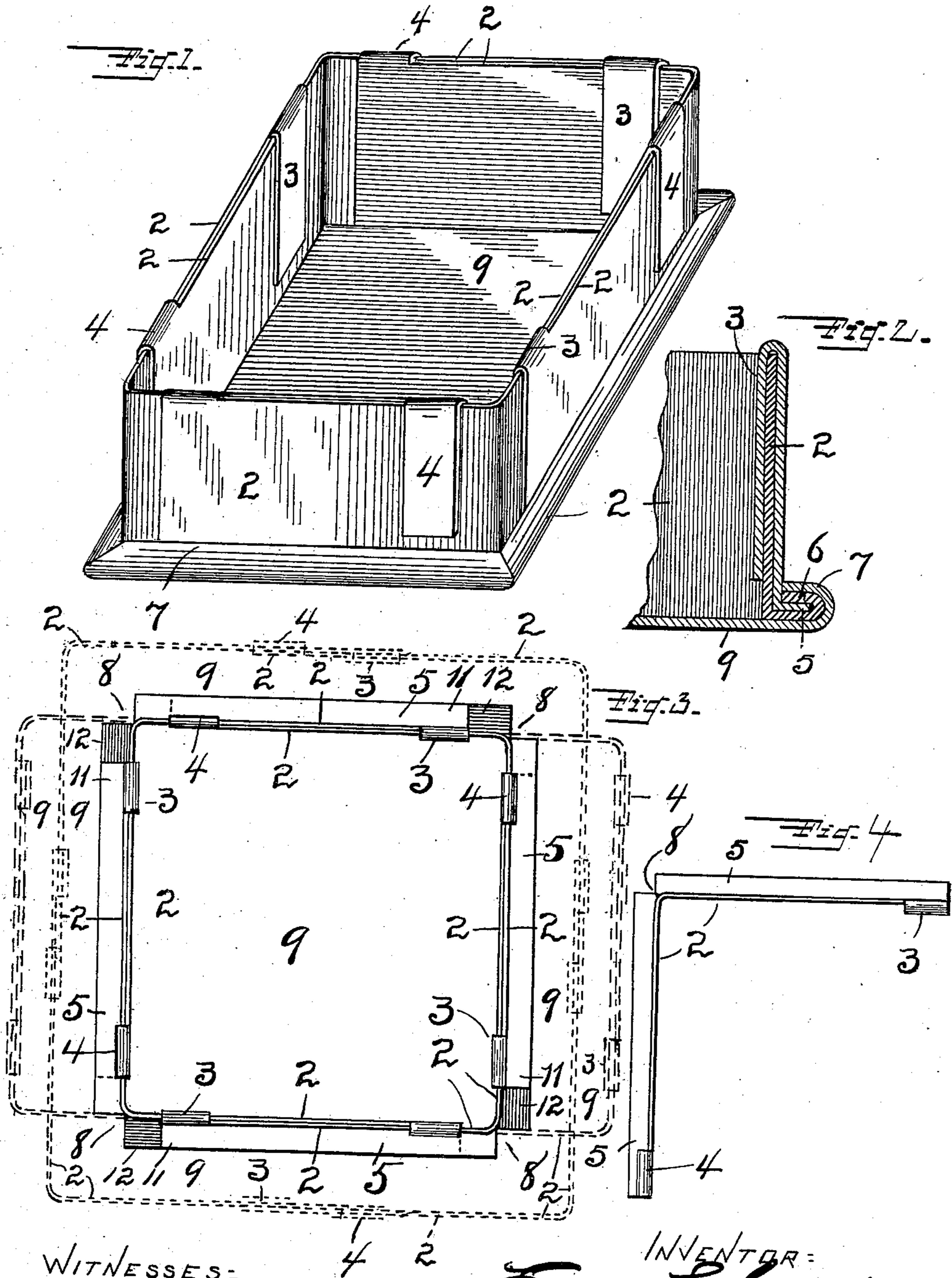


E. L. CARTER.
EXTENSIBLE PAN.
APPLICATION FILED APR. 21, 1908.

899,292.

Patented Sept. 22, 1908.



WITNESSES:
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J. M. Boston.

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Att'y.

UNITED STATES PATENT OFFICE

EMMA L. CARTER, OF GALESBURG, ILLINOIS.

EXTENSIBLE PAN.

No. 899,292.

Specification of Letters Patent.

Patented Sept. 22, 1908.

Application filed April 21, 1908. Serial No. 428,373.

To all whom it may concern:

Be it known that I, EMMA L. CARTER, a citizen of the United States, and a resident of Galesburg, in the county of Knox and State of Illinois, have invented a new and useful Extensible Pan, of which the following is a specification.

The invention relates primarily to baking-pans, although the improvements involved may be embodied in devices for various other purposes; and the principal object of the invention is to provide a device of the character specified which is extensible or adjustable in more than one direction. To render this more clear it may be here stated that while I have contemplated a pan all sides or walls of which are equal when closed, or when reduced to its smallest position, and which has, therefore, specifically, neither sides nor ends as distinguished from each other, I shall for the purpose of this specification so distinguish them, and the movements shall, for the same purpose, be termed "lateral" and "longitudinal".

A further object is to provide a simple and economic construction which will not permit the escape of thin batter at the joints.

Other objects will be in part obvious and in part pointed out.

With these objects in view, the invention consists in certain novel features which will be found hereinafter described and which will be particularly noted in the claims.

The invention is illustrated in the drawings forming a part hereof, and in which drawings the same reference numeral refers to the same part in the different figures.

In said drawings: Figure 1 is a perspective; Fig. 2, a sectional detail, showing a portion of the bottom and of two of the sections; Fig. 3, a top plan, showing by full lines the assembled device in smallest adjustment for use; by broken lines the pan adjusted to an oblong position, or laterally; and by dotted lines adjusted to its largest position, or both laterally and longitudinally; and Fig. 4, a top plan of one of the four sections comprising the pan.

I am aware that pans which are adjustable in one direction are common in the art, and now disclaim such constructions *per se*.

I may now state that all of the sections may be formed with flanges 5 as shown at Fig. 4, or one of them may be formed as shown at said figure and its fellow bent over to form a hook or bill 6, as shown at Fig. 2,

which hook constitutes a guide for another section. I shall first describe each section as shown at Fig. 4. Each section or wall 2 describes two sides of a right-angled triangle and each is provided with an overhanging inwardly projecting lip 3 at one end, and an overhanging, outwardly projecting lip 4 at its other end. When the parts are assembled each lip 3 and 4 is positioned over or past the oppositely turned lip of the contiguous section, so that when drawn out or extended said lips lie in opposite directions and serve not only to hold the overlapping ends of said sections in alinement, but to further permit longitudinal movement of each section with relation to its fellow. So constructed, the outwardly overhanging lips are alternated by the inwardly hanging ones, and free adjustment of the sections may be made to complete any right-angled quadrangle which will come within the limitation of the aforesaid lips.

Each section is rectangularly bent at its bottom portion to form a horizontal flange 5, a small portion of the material having been cut away at the middle length or bend, as shown at Fig. 4 by the numeral 8. If preferred, that portion or half of the flange which forms the base or engaging means when assembled in smallest position may be somewhat broadened and bent over the other portion as shown at Fig. 2 and as hereinbefore stated. The upper edges of the sections may be beaded, wired or otherwise reinforced or ornamented as preferred.

It will, it is thought, be clear that each of the four sections of the pan constitutes one corner and a portion of a side and end thereof; that a portion of each section overlies the contiguous portion of another; and that one-half of the flange of each section overlies the contiguous one-half of the next succeeding one.

In order that the operation of the device may be properly shown and fully understood, I have shown it at Fig. 3 in three positions. The full-line position shows it as in the principal figure, slightly opened or enlarged from its closest position. It will be evident that the sections may be brought into closer relationship by bringing the portions 11 of the flanges over the portions 12. The bottoms 9 are preferably formed of sheet metal similar to that of the walls, slitted at the corners and the edges turned backwardly at 7 to constitute an engaging-groove for the flanges of the

walls. Any other suitable way or means of constructing the bottoms may be utilized if preferred.

In order to use the pan in its smallest assemblage, the several sections are brought into their closest relationship (not shown) to form a square, with the lips 3 and 4 very close to the corners of the vessel. It is then placed on the smallest bottom, the diameters of the reversed edges of which are sufficient to permit thereof. Each section is then drawn outwardly by the operator, whereupon the flanges will pass within and be held by the wall of the channel formed by said edges. When it is desirable to place it in either the oblong or the largest square bottom, the operation is the same.

The drawings and the foregoing description show and set forth a preferred embodiment of my invention. I do not, however, desire to be understood as limiting my claims to the specific construction shown, as such changes may be made as fairly fall within the scope and purview of the invention.

Having thus set forth the invention, I claim as new and desire to secure by Letters Patent the following, to wit:—

1. An extensible pan including a bottom of selective dimensions and four telescopically connected rectangular corner sections adapted for engagement therewith.

2. An extensible pan including a bottom of selective size, and corner-sections, each of said sections adapted for telescopic connection with two other sections thereof.

3. An extensible pan including a bottom of selective size, and four rectangular corner sections slidable horizontally with reference to each other, whereby a vessel of selective dimensions both laterally and longitudinally is had.

4. An extensible pan including four substantially rectangular corner sections, each adjustably connected with two others, and each constituting one corner-portion of the pan, and a bottom removably connected therewith.

5. An extensible pan comprising four rectangular corner sections including means whereby they are slidable horizontally with relation to each other and adapted to engage square bottoms of selective sizes, whereby pans of different dimensions both laterally and longitudinally may be formed.

6. An extensible pan comprising a plurality of rectangular sections telescopically con-

nected together and a portion of each section overlapping another section, each section including an inwardly and an outwardly projecting lip adapted to engage contiguous sections, each section also including a flange, and a bottom including means adapted to engage said flange.

7. A device of the character described including a plurality of rectangular slidably connected sections adjustable both laterally and longitudinally with relation to each other, and a removable bottom.

8. A device of the character described including a removable bottom and four rectangular telescopic corner-sections, each thereof having a base-flange adapted to engage said bottom, and each section overlapping another.

9. A device of the character described including a removable bottom and four rectangular telescopic-sections, each thereof having an inwardly and an outwardly overhanging lip adapted to engage a contiguous section.

10. A device of the character described including a removable bottom and four rectangular telescopic sections slidably connected with each other whereby said sections are extensible both laterally and longitudinally.

11. A device of the character described comprising four rectangular sections slidably connected with each other and each section overlapping another section, whereby said sections are extensible both laterally and longitudinally, and a removable bottom, the sections and bottom including means whereby the latter is held by the former.

12. In a device of the character described, in combination, four rectangular sections slidably connected with each other and each section overlapping another section, whereby said sections are extensible both laterally and longitudinally, each thereof provided with a flanged base, and a bottom having overturned edges forming a channel adapted to be engaged by said flanges.

13. An extensible pan comprising a plurality of L-shaped telescopically connected wall-sections and a removable bottom.

In testimony whereof I have hereunto subscribed my name in presence of two witnesses.

EMMA L. CARTER.

Witnesses:

CHAS. C. MOREY,
J. M. BOSTON.