

(No Model.)

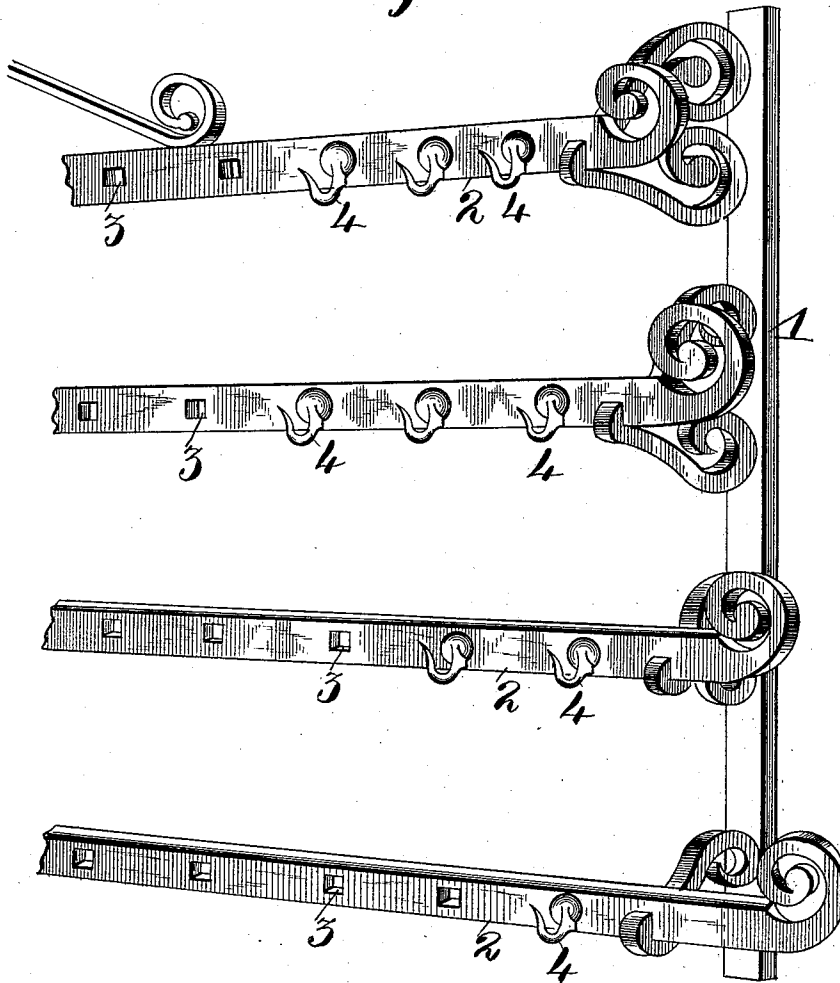
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F. SCHRAUDNER.
MEAT RACK.

No. 478,025.

Patented June 28, 1892.

Fig 1.



Witnesses
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Frederick Schraudner.
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(No Model.)

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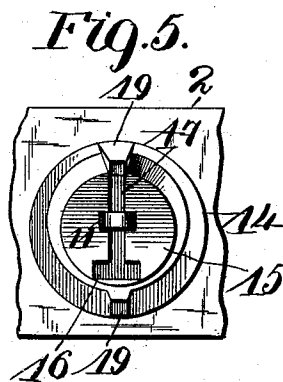
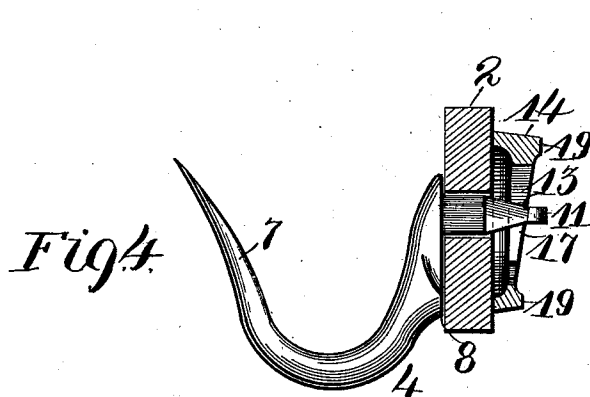
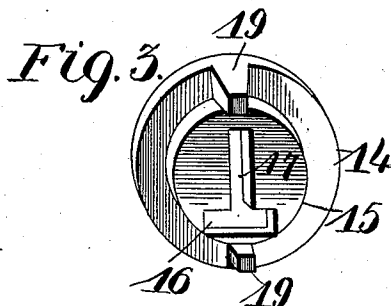
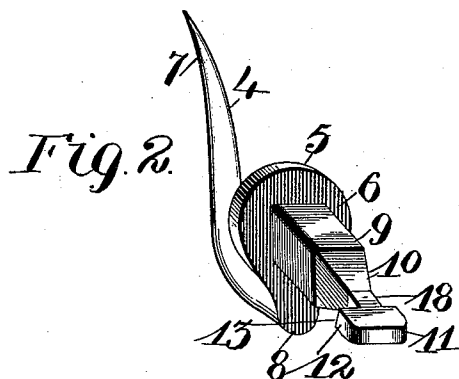


Fig. 6.

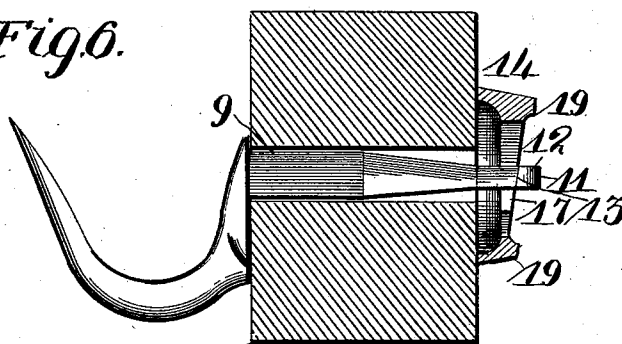
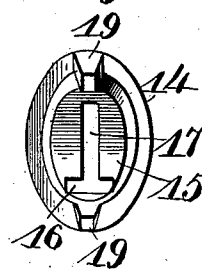


Fig. 7.



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UNITED STATES PATENT OFFICE.

FREDERICK SCHRAUDNER, OF ST. LOUIS, MISSOURI, ASSIGNOR OF ONE-HALF
TO GUSTAVUS A. V. BRECHT, OF SAME PLACE.

MEAT-RACK.

SPECIFICATION forming part of Letters Patent No. 478,025, dated June 28, 1892.

Application filed February 20, 1892. Serial No. 422,231. (No model.)

To all whom it may concern:

Be it known that I, FREDERICK SCHRAUDNER, of the city of St. Louis and State of Missouri, have invented certain new and useful
5 Improvements in Meat-Racks, of which the following is a full, clear, and exact description, reference being had to the accompanying drawings forming a part hereof.

My invention relates to improvements in
10 meat-hooks; and it consists in the novel arrangement and combination of parts, as will be more fully hereinafter described, and designated in the claims.

In the drawings, Figure 1 is a perspective
15 view of a meat-rack having my hook applied thereto. Fig. 2 is a perspective view of the hook. Fig. 3 is a perspective view of the washer which I employ for locking the hook to the rails of the rack. Fig. 4 is a vertical
20 transverse section of a metallic rail having my invention applied thereto. Fig. 5 is a rear view of the same, showing the washer in a locked position against the rail. Fig. 6 is a vertical transverse section through a wooden
25 rail having my invention applied thereto, but somewhat modified; and Fig. 7 is a plan view of the washer which I employ, with the construction of hook as shown in Fig. 6.

The object of my invention is to construct
30 a neat and attractive meat-hook which can be easily attached and detached from the rails of the rack when so desired.

By the use of my invention the said hooks
35 can be detached from said rails of the rack, and there is nothing to prevent the perfect cleansing of the said bars or rails of the rack.

My invention is also especially adapted for
40 shipping, in which instance the hooks are detached from the rails of the rack and packed in a separate box and are afterward attached to the rack when the same is set up for use.

Referring to the drawings, 1 represents a
45 meat-rack, which is of the usual construction, and is provided with four horizontal rails 2, which are adapted to support and hold the hooks, to be hereinafter described. Said rails 2 are each provided with a series of square openings 3, which are arranged at predetermined distances apart and are adapted to receive the hooks in a manner as hereinafter
50 described.

4 represents the meat-hook, which is provided with an enlargement 5, the rear surface of which is flat, as shown at 6, which surface comes in contact with the outer surface of the
55 rails 2.

7 represents the hook proper, which is of the ordinary construction, for holding the meat upon the rack. The enlarged portion 5 of the hook terminates at its lower end into
60 a heel 8, which is adapted to come in contact with the rail of the rack and is intended to give more strength to the hook.

9 represents a square shank, which is preferably formed integrally with the hook and
65 projects therefrom in a horizontal direction, as best shown in Figs. 2 and 4 of the drawings. The said shank 9 projects from the rear surface 6 of the hook, and is a suitable distance from the heel 8 of the same. The said shank
70 is provided with a gradually-decreased portion 10, and leading from said decreased portion is a T-shaped extension 11, the lateral extensions 12 of which come in contact with a suitable washer, as hereinafter described. 75

The inner surfaces 13 of the extensions 12 are each beveled in the same direction, as shown at 13, the surface of which corresponds to the outer surface of the washer for locking
80 the hook to the rails of the rack.

14 represents the washer, which is circular in plan and is formed by casting the same or in any other suitable manner.

15 represents a flat circular surface formed on the said washer, the diameter of which is
85 somewhat smaller than the size of the washer and is formed at an incline, as better shown in Fig. 4.

15 represents the incline formed on said washer, and formed in said portion of the
90 washer is a T-shaped opening 16, the horizontal portion of which is of such a size as to admit the T-shaped extension 11 of the hook to be easily inserted through the same. The vertical portion 17 of said opening is of such
95 a width as to prevent the said washer from turning when the same is attached to the hook in a manner, as shown in Fig. 4, or, in other words, the width of said opening is a little wider than the portion 18 of said hook. The
100 said washer 14 is provided with two solid extensions 19, which are oppositely located and

provide surfaces to be struck by a hammer for locking or releasing the washer from the hook. In Figs. 6 and 7 I have shown a modification of my invention, in which I have shown the hook attached to a wooden rail, and as said rail is much thicker, owing to the material employed, the shank 9 is somewhat elongated to accommodate itself to the rail, but otherwise the construction of the said shank is substantially the same. In this instance I employ an elliptical washer, which will give more bearing-surface against the surface of the rail. The remaining construction is substantially the same as that illustrated in Figs. 3 and 5.

In applying my invention to the rails of the rack the shank 9 of the hook is first inserted into one of the square openings 3, formed in the said rails in the position as shown in Fig. 4, after which the washer is applied in a manner as I shall now proceed to describe. After the hook has been applied to the rail, as above stated, the T-shaped extension 11 being in the position as shown in Fig. 5, the washer 14 can be easily inserted in its proper position for locking the hook by passing the shank of the hook through the horizontal portion of the opening 16, formed in the washer, after which the said washer is lowered, as shown in Fig. 5, causing the beveled surfaces 13 of the T-shaped extension 11 of the hook to come in contact with the inclined flat surface 15, formed on said washer, locking and clamping the said hooks to the rails of the rack.

In removing the hook from the rails of the rack the operation, as above described, will be merely reversed, elevating the washer 14 until the T-shaped extension 11 registers with the horizontal portion of the opening 16 of the washer, in which position the hook is easily removed from the bars of the rack.

Having fully described my invention, what I claim is—

1. In a meat-rack, the combination, with a rail, of a hook provided with a shank passing

through said rail and carrying a T-head at its outer end and a washer disposed in rear of the rail and provided with a T-shaped opening, substantially as and for the purpose set forth.

2. A meat-rack comprising a hook, a shank formed on the same provided with a T-shaped extension, a washer provided with an inclined outer surface, and a T-shaped opening formed in the said washer, through which the T-shaped extension of said shank is passed for locking and clamping the said hook to the rail of said rack, substantially as described.

3. A meat-rack comprising a hook, a square shank 9, formed on the same and adapted to be inserted in a corresponding opening formed in the rail of the rack, a T-shaped extension formed on the said shank, a washer 14, having an inclined flat surface 15, and a T-shaped opening formed in the said inclined surface of the washer for receiving the T-shaped extension formed on the said shank of the hook for locking and clamping said hooks to the rail of the rack, substantially as described.

4. A meat-rack comprising a hook, an enlargement 5, formed on the same, a square shank 9, formed on the said hook and adapted to be passed through a corresponding opening formed in the rail of the rack, decreased portion 10, formed on the said shank, a T-shaped extension 11, leading from the said decreased portion, extensions 12, formed by the said T-shaped extension 11, beveled surfaces 13, formed on the said last-named extension, a washer 14, having an inclined flat surface 15, a T-shaped opening formed in the said inclined surface for receiving the T-shaped extension formed on the shank 9, and solid extensions 19, formed on the said washer and oppositely located, substantially as described.

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

FREDERICK SCHRAUDNER.

Witnesses:

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ALFRED A. EICKS.