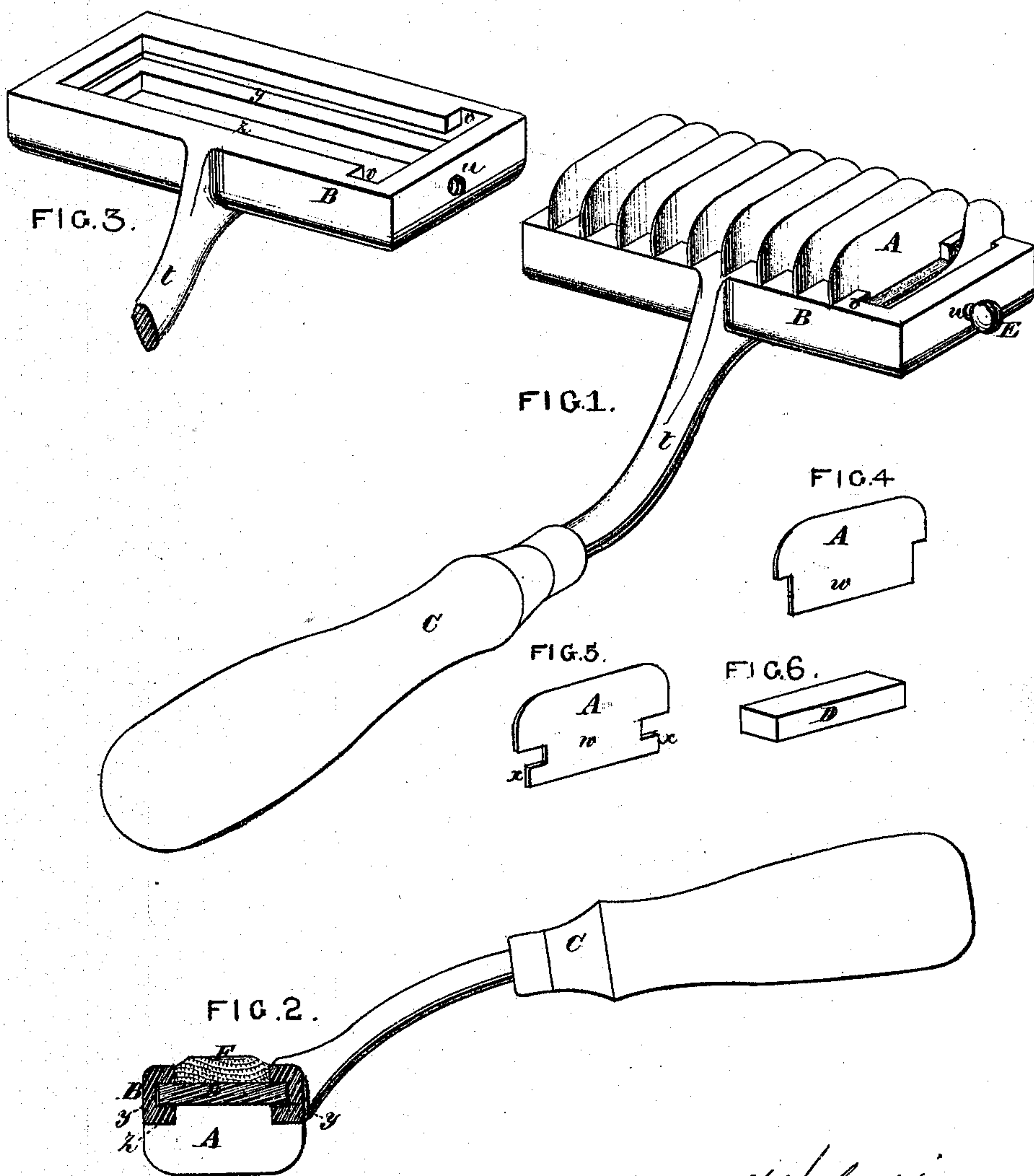


F. W. Coddington,
Meat Tenderer.
No. 104,706. Patented June 28. 1870.



Witnesses
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FRED. W. CODDING, OF WEST RUTLAND, MASSACHUSETTS.

Letters Patent No. 104,706, dated June 28, 1870.

IMPROVED DEVICE FOR TENDERING OR CHOPPING MEAT.

The Schedule referred to in these Letters Patent and making part of the same.

I, FRED. W. CODDING, of West Rutland, in the county of Worcester, Massachusetts, have invented an Improved Device for Tendering and Chopping Meat, of which the following is a specification.

Nature and Objects of the Invention.

My device is composed of a plurality of knives or cutters, and a stock of peculiar construction, provided with a handle, and adapted to receive and hold the said knives, and permit of their ready-removal. It is capable of modification in details.

Description of the Accompanying Drawing.

Figure 1 is a perspective under-side view of the device, a portion of one of the knives being broken away to more clearly expose the construction.

Figure 2 is a sectional side view of the same.

Figures 3, 4, 5, and 6 are perspective views of different parts of the device, illustrating their relative form.

Similar letters of reference indicate like parts in all the figures.

General Description.

I employ, for forming my improved device, a plurality of knives or cutters, A, (ten, more or less,) and a stock, B, adapted to receive and hold the said knives, and provided with a handle, C.

A single recess or slot, *z*, in the stock B, receives and holds the knives A.

Blocks or leads, D, support them, at proper distances apart, grooves, *y*, in the sides of said recess receiving projections, *x*, on the sides of the stems, *w*, of the knives, and the ends of the blocks or leads D secure the said knives and leads, and an enlargement, *v*, at one end of the said recess or slot, *z*, provides for the introduction and withdrawal of the said knives and leads, for sharpening the former.

One or more set-screws, E, traversing holes, *u*, in the end of the stock B, at which the discharge opening *v* is located, clamp the knives and leads in the contracted part of the recess *z*.

A single knife, which may have a stem, *w*, with straight sides, as shown in fig. 4, may occupy the opening *v*, and be held by contact with the screw or screws E.

The stock B may be readily cast of complete form.

The base or stem, *t*, of the handle C, may, in this case, be cast on it. The handle proper may be of wood, as indicated, or may be cast with its stem *t*. The said stem *t* is inclined upward, as shown, to accommodate the hand of the operator.

The knives may be parallel with the handle, when in position, as represented, or at right angles, or inclined relatively thereto.

The form of the blades of the knives is not essential. They are, preferably, made straight, with rounded ends, to adapt them to make either a drawing or chopping cut. They may be adjustable, as to distance apart, by any adequate means.

The stock B being in form of a frame, as described, a block of wood, F, held by gluing, or equivalent means, preferably, closes the space in the back of the same above the stems of the knives and leads. The said stems and leads may, however, be extended to fill the same, or the stock be cast with a close back.

The screw or screws E may be nicked, as shown, or have thumb-heads.

Operation.

My device is, primarily, intended to take the place of the pounder, the puller, the picker, the roller with jagged points, and the single knife, for tendering meat preparatory to cooking. Its advantages over those devices are multiplied efficiency, without any comparative increase in first cost, ease of operation, and facility for sharpening. It may operate for the said purpose by being simply drawn across the meat one or more times.

The device is also valuable as a chopper, for preparing meat for hash, sausage, mincemeat, &c.

Claim.

I claim as my invention—

The improved meat-tenderer and chopper herein described, composed of the knives A *w x A w x*, (two or more,) stock B *z y v u*, handle C *t*, leads D, and screw or screws E, constructed and arranged substantially as shown, for the purposes set forth.

F. W. CODDING.

Witnesses:

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