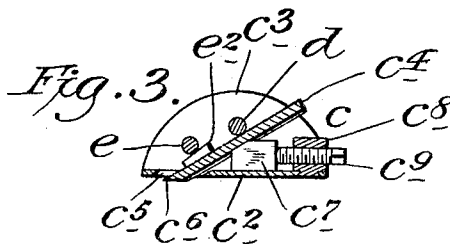
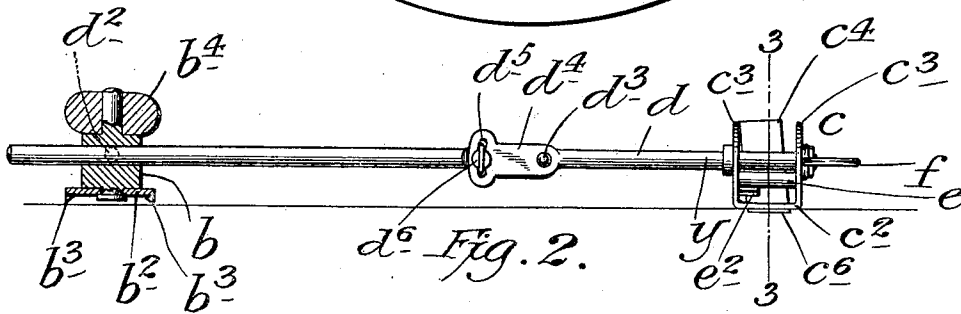
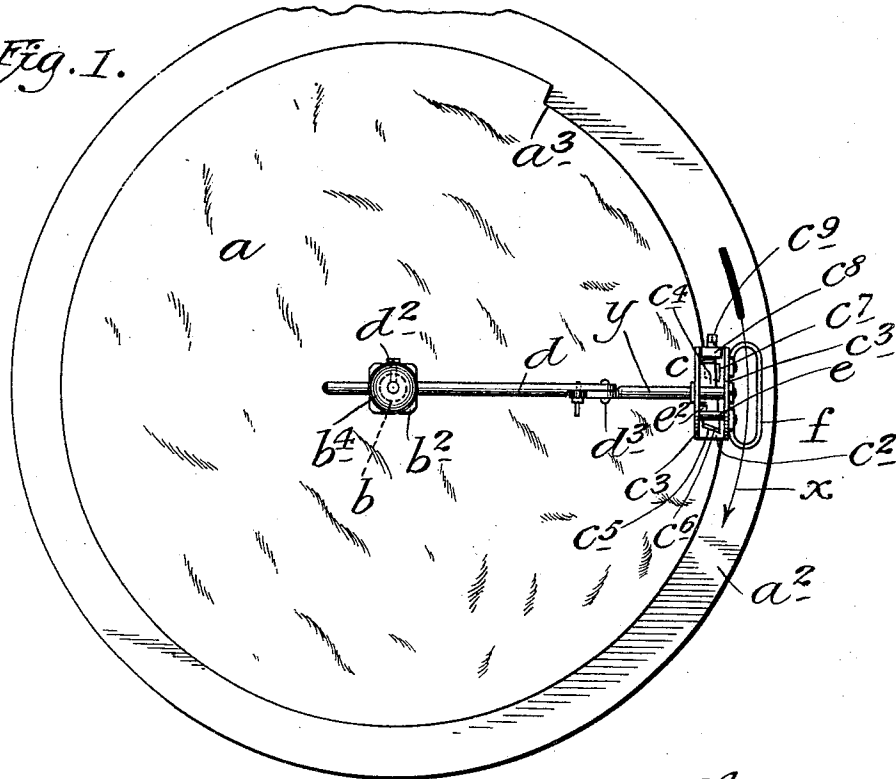


D. F. DEMPSEY.
MEAT BLOCK PLANING DEVICE.
APPLICATION FILED SEPT. 19, 1908.

932,449.

Patented Aug. 31, 1909.

Fig. 1.



WITNESSES
A. R. Appleman
C. E. Mulvaney

INVENTOR.
Dominic F. Dempsey
BY Edgar Tate & Co.
ATTORNEYS.

UNITED STATES PATENT OFFICE.

DOMINIC F. DEMPSEY, OF CORRY, PENNSYLVANIA, ASSIGNOR TO THOMAS J. DEMPSEY, OF CORRY, PENNSYLVANIA.

MEAT-BLOCK-PLANING DEVICE.

932,449.

Specification of Letters Patent.

Patented Aug. 31, 1909.

Application filed September 19, 1908. Serial No. 453,728.

To all whom it may concern:

Be it known that I, DOMINIC F. DEMPSEY, a citizen of the United States, and residing at Corry, in the county of Erie and State of Pennsylvania, have invented certain new and useful Improvements in Meat-Block-Plan-
5 ing Devices, of which the following is a specification, such as will enable those skilled in the art to which it appertains to make and
10 use the same.

This invention relates to devices for plan-
ing off or redressing meat blocks; and the
object thereof is to provide an improved de-
vice of this class which is comparatively in-
15 expensive in construction and efficient in op-
eration, and which may be quickly and easily
attached to a meat block, and by means of
which the said block may be easily re-planed
or re-dressed in a comparatively short space
20 of time; and with these and other objects in
view the invention consists in a device of the
class specified constructed as hereinafter de-
scribed and claimed.

The invention is fully disclosed in the fol-
25 lowing specification of which the accom-
panying drawing forms a part, in which the
separate parts of my improvement are desig-
nated by suitable reference characters in
each of the views, and in which;—

30 Figure 1 is a plan view of a meat block
with my improved planing device attached
thereto, Fig. 2 a sectional side view of the
planing device detached, and:—Fig. 3 a sec-
tion on the line 3—3 of Fig. 2.

35 In the drawing forming part of this speci-
fication, I have shown at *a*, Fig. 1, a meat
block, and in the construction of my im-
proved planing device I provide a pivot
block *b* which is rotatably mounted on a base
40 plate *b*² provided on its bottom surface with
teeth or prongs *b*³ adapted to be driven into
the block, and the pivot block *b* is provided
with a knob or head *b*⁴ which is preferably
made rotatable on said block *b*. I also pro-
45 vide a plane *c* composed of a bottom plate
*c*² and side plates *c*³ through which is passed
a rod or bar *d* which is also passed loosely
through the pivot block *b* and which may
be adjusted longitudinally in said block,
50 and secured therein at any desired point by
means of a set screw *d*².

The rod or bar *d* is composed of two parts
pivotally connected at *d*³ so as to permit the
plane *c* to swing in a vertical plane, and one

of the parts of said rod or bar is preferably 55
provided with an extension *d*⁴ having a slot
*d*⁵ formed therein through which is passed
a thumb screw *d*⁶ which also passes through
the other part of said rod or bar, and by
means of which the separate parts of said 60
rod or bar may be made rigid if desired,
and the plane held at an inclination to that
part of said rod or bar which passes through
the block *b*.

The plane *c* is also provided with a blade 65
*c*⁴ which is placed therein in the manner
shown in Figs. 2 and 3, and the front lower
end of said blade projects through a trans-
verse opening *c*⁵ in the bottom plate *c*² of
the plane and is provided with a cutting edge 70
*c*⁶. The blade *c*⁴ ranges downwardly and
forwardly and upwardly and backwardly,
and placed thereunder is a block *c*⁷, and in
the rear end of the plane is a fixed nut *c*⁸,
and through which is passed a set screw *c*⁹ 75
which bears on the block *c*⁷, and by means of
which said block may be forced forwardly
so as to bear on the bottom side of the blade
*c*⁴. The plane is also provided with a trans-
verse bar or rod *e* arranged forwardly of and 80
over the blade *c*⁴, and in practice a wedge *e*²
is driven in between said bar or rod and the
blade. The rod or bar *d* where it passes
through the plane is over the blade *c*⁴ and
also serves to aid in holding said blade in 85
position. The slot or opening *c*⁵ in the bot-
tom blade *c*² of the plane is arranged diag-
nally and the cutting edge *c*⁶ of the blade
is correspondingly formed as clearly indi-
cated in Figs. 1 and 2. The blade *c*⁴ is also 90
of less width than the plane, or of less trans-
verse dimensions than the space between the
sides *c*³ of the plane, and said blade may be
so arranged in the plane that only one side
portion of the edge thereof will cut, or said 95
blade may be arranged at a lateral inclina-
tion as shown in Fig. 2 when the entire edge
thereof will operate. The plane is also pro-
vided on the outer side thereof with a han-
dle *f*, and the operation of the device will be 100
readily understood from the foregoing de-
scription, when taken in connection with the
accompanying drawing and the following
statement thereof.

In practice the pivot block *b* is secured 105
centrally of the meat block as shown in the
drawing, and the handle *f* of the plane is
grasped in the right hand and the plane is

moved around the block in the direction of the arrow x in Fig. 1. In this operation the rod d may be grasped by the left hand at y in order to aid in steadying the plane and
 5 applying pressure thereto, or the left hand may be placed on the knob or head b^4 of the block b to steady the operator. In the operation of the plane the rod d may be made rigid by means of the set screw d^6 , or the
 10 outer end portion of said rod may be allowed to swing on the pivotal connection of the separate parts thereof at d^3 so as to enable the plane to move in a vertical plane.

The meat block a is provided with an annular space a^2 which indicates that the plane has been passed around said block and a shaving or strip cut off. With the plane and the blade c^1 thereof of the width shown, it would be necessary to pass said plane around
 20 the block twice to cut off a strip or shaving of the width indicated at a^2 , and I have also indicated on the block at a^3 the beginning of the cutting off of a third strip or shaving.

It will be understood that the rod d must
 25 be adjusted in pivot block b , as the operation of dressing the meat block proceeds, and with the pivot block b in the center of the meat block as shown in Fig. 1, all the top surface of the said meat block may be re-dressed except the central portion thereof,
 30 and the pivot block b may be re-placed on the outer edge portion of the meat block at any desired point and the plane may be so manipulated as to re-dress the central portion of said meat block.
 35

My invention is not limited to the particular form of plane herein shown and described, nor to the other details of construction as herein set out, and various changes
 40 therein and modifications thereof may be made, within the scope of the appended claims, without departing from the spirit of my invention or sacrificing its advantages.

Having fully described my invention, what

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

1. The herein described means for dressing a meat block comprising a plate provided at its bottom side with teeth adapted to be driven into the block, a block rotatably mounted on said plate, a rod or bar passing loosely through said block and adjustable therein, and a plane rotatably mounted on the outer end of said rod or bar.

2. The herein described means for dressing a meat block comprising a plate provided at its bottom side with teeth adapted to be driven into the block, a block rotatably mounted on said plate, a rod or bar passing loosely through said block and adjustable therein, and a plane rotatably mounted on the outer end of said rod or bar, said rod or bar being composed of two parts pivotally connected and the outer end portion thereof being adapted to swing in a
 65 vertical plane.

3. The herein described means for dressing a meat block comprising a plate provided at its bottom side with teeth adapted to be driven into the block, a block rotatably mounted on said plate, a rod or bar passing loosely through said block and adjustable therein, and a plane rotatably mounted on the outer end of said rod or bar, said rod or bar being composed of two parts pivotally connected and the outer end portion thereof being adapted to swing in a vertical plane, and the separate parts of said rod or bar being provided with means whereby they may be locked together rigidly.
 80

In testimony that I claim the foregoing as my invention I have signed my name in presence of the subscribing witnesses this 17th day of September, 1908.

DOMINIC F. DEMPSEY.

Witnesses:

JAMES T. BLAIR,
 JAMES O'CONNOR.