

C. F. LINDGREN.  
PORTABLE POWER DEVICE.  
APPLICATION FILED SEPT. 3, 1920.

1,394,564.

Patented Oct. 25, 1921.

2 SHEETS—SHEET 1.

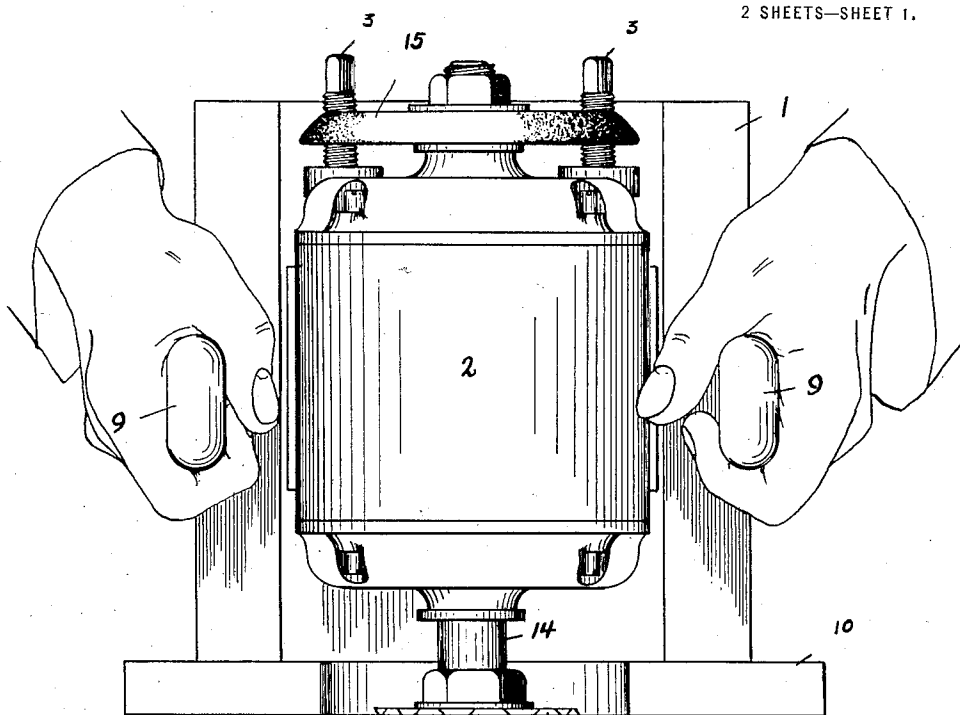


Fig. 1. 12

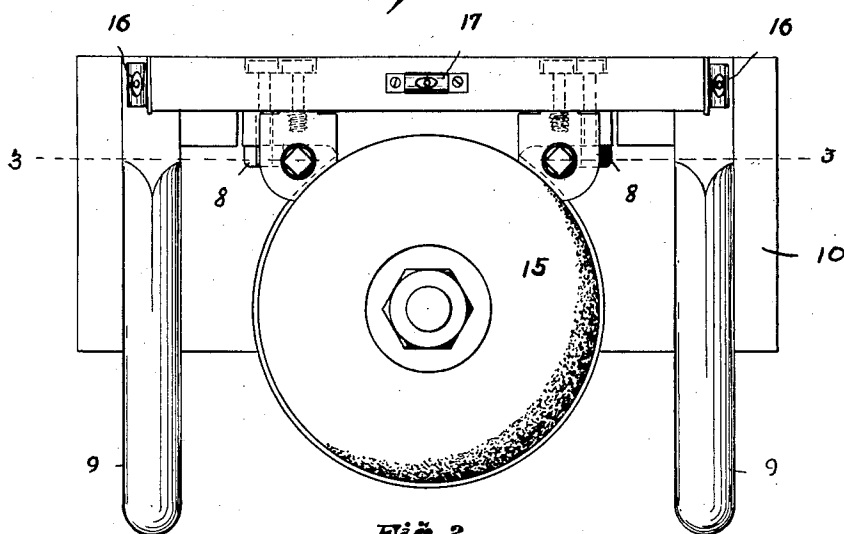


Fig. 2.

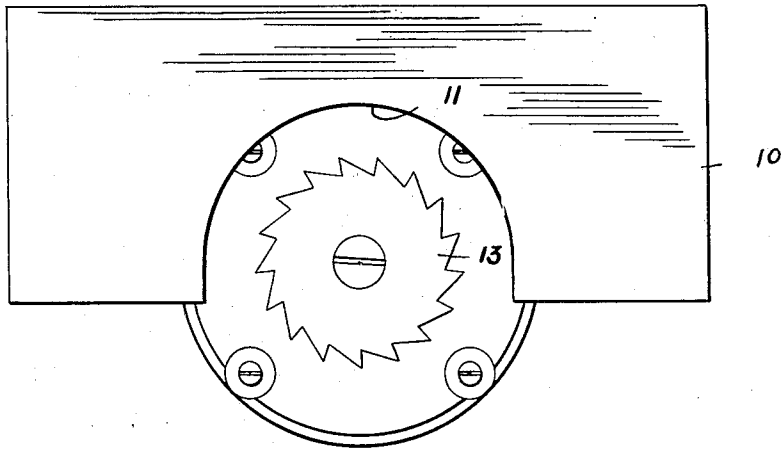
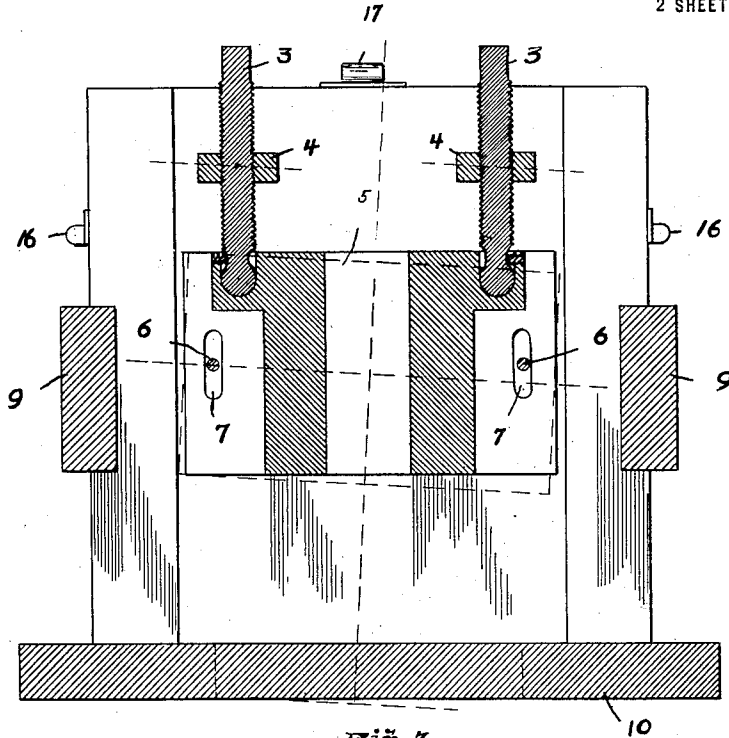
INVENTOR  
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ATTORNEY.

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2 SHEETS—SHEET 2.



INVENTOR  
*Charles F. Lindgren.*  
BY *Sho. Stevens.*  
ATTORNEY

# UNITED STATES PATENT OFFICE.

CHARLES F. LINDGREN, OF DULUTH, MINNESOTA.

PORTABLE POWER DEVICE.

1,394,564.

Specification of Letters Patent.

Patented Oct. 25, 1921.

Application filed September 3, 1920. Serial No. 408,042.

To all whom it may concern:

Be it known that I, CHARLES F. LINDGREN, a citizen of the United States residing at Duluth, in the county of St. Louis and State of Minnesota, have invented certain new and useful Improvements in Portable Power Devices, of which the following is a specification, reference being had therein to the accompanying drawing.

This invention relates to a portable, electrically operated, trimming and grinding machine and has special reference to a device of this character for use in smoothing off and trimming meat blocks and the like, the grinding part of the machine being available for the sharpening of various tools.

The principal object of the invention is to produce a practical and efficient device of this character. Another object is to produce a novel form of handles for the convenient manipulation of the device.

Still other objects and advantages of the invention will appear in the further description thereof.

Referring to the accompanying drawings in which like reference characters indicate like parts:

Figure 1 is a front elevation of the machine as it appears during its manipulation as a trimmer;

Fig. 2 is a top plan view of Fig. 1;

Fig. 3 is a transverse vertical section taken on the line 3—3, Fig. 2; and

Fig. 4 is a bottom plan view, looking upwardly.

1 represents a suitable upright base upon which the electric motor 2 is suspended by the screw bolts 3, which are screw threaded through the pivotal eye-bolts 4. The lower ends of the bolts 3 are mounted and set within suitable sockets or holes in the base 5 of the motor 2 so as to permit of slight adjustment of the motor as indicated in dotted lines, Fig. 3, which is desirable for the purpose of beveling the edge of a meat block or board, as is sometimes done. The base 5 of the motor is further attached to the base 1 by suitable through bolts 6—6 which pass through the slots 7—7 within the base and are provided with the nuts 8—8 which may be tightened to hold the motor in any adjusted position.

Upon the sides of the base 1 are forwardly projecting handles 9—9, one upon

either side of the base, said handles being preferably oval in cross-section for a convenient and secure hold by the operator. These handles are permanently attached to the base and are designed to support the mechanism in the most convenient manner possible, as illustrated in Fig. 1.

A guiding shelf, or auxiliary base 10, extends at right angles to the base 1 and is securely fixed thereto. Centrally of this shelf is a semi-circular cut-away portion 11, through which the cutting knife or saw of the device extends, the cutting of the latter being controlled by the auxiliary base as it rests upon the surface being operated upon, and, as is obvious, various forms of cutting knives or saws may be employed for the different classes of work to be accomplished. One form of saw is indicated at 12, Fig. 1, and at 13, Fig. 4, they being securely attached to the depending end of the armature shaft 14 of the motor.

Upon the opposite end of this armature shaft is mounted an abrasive wheel 15, such as emery or the like, for use in sharpening or grinding as desired.

I have shown at 16 small spirit levels, which may be attached to the edges of the upright base for use as guides in keeping the device vertical, and, at 17, is a similar level for maintaining the device in such position.

Having thus described my invention, what I claim and desire to secure by Letters Patent, is:

1. A device of the class described comprising an L-shaped supporting member, a motor adjustably mounted upon the face of the upright portion of the supporting member, a cutter carried on the shaft of the motor and operating substantially flush with the face of the horizontal portion of the supporting member and projecting beyond one side of same, and a handle adjacent each side of the motor fixed to the upright portion of the supporting member and extending outwardly in the same direction with the horizontal portion of the supporting member, substantially as described.

2. A device of the character described comprising an L-shaped supporting member, an electric motor vertically and angularly adjustably mounted upon the upright portion of the supporting member, a cutter carried by the motor and operative substan-

tially flush with the face of the horizontal portion of said member and projecting beyond one side of same, and a handle upon either side of the motor extending forwardly, parallel with the horizontal portion of the member, and securely fixed to the vertical portion thereof.

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

CHARLES F. LINDGREN.

Witnesses:

R. L. COWEN,  
S. C. BRONSON.