

1,006,756.

2 SHEETS—SHEET 1.

Fig.1.

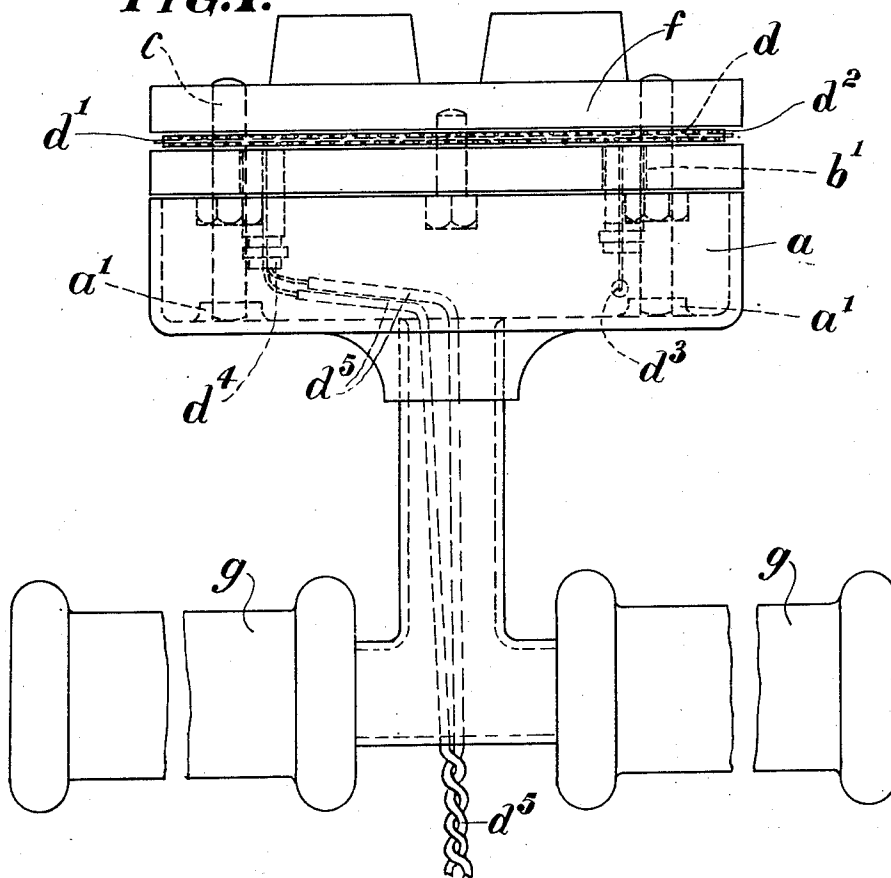
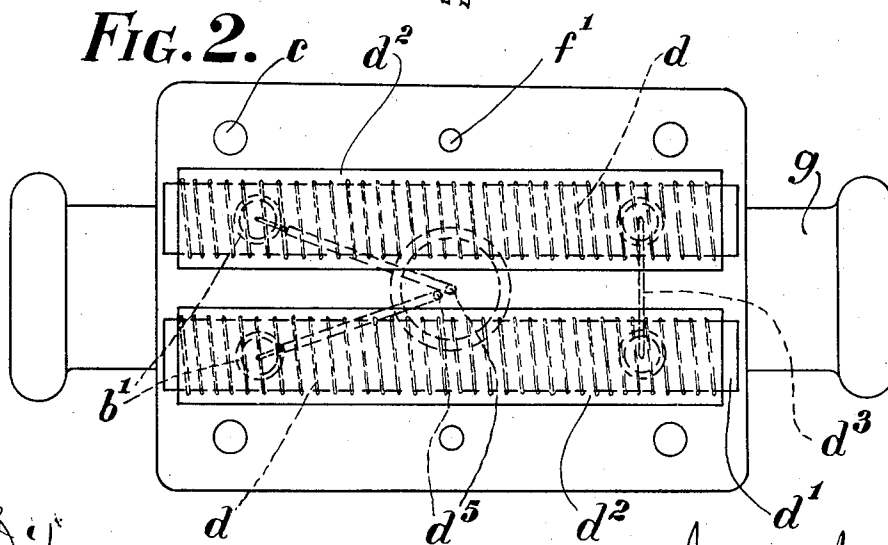


FIG. 2.



Witnesses. ^d
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2 SHEETS—SHEET 2.

FIG. 3.

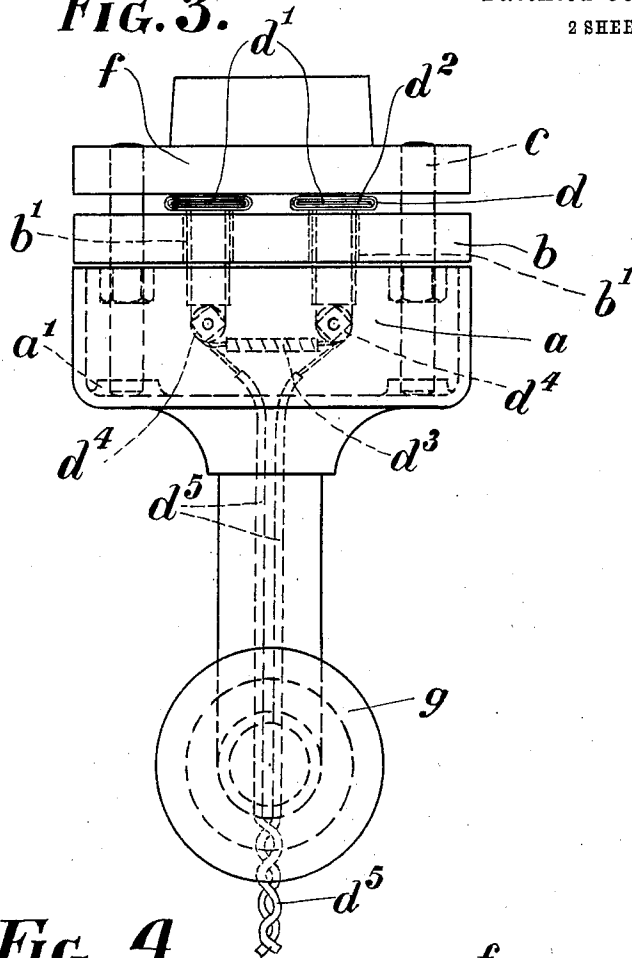
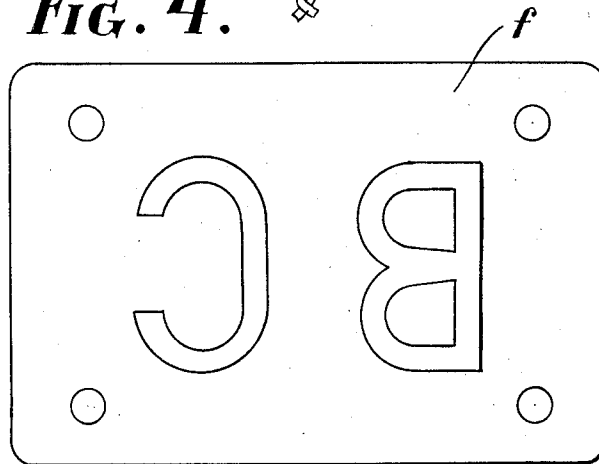


FIG. 4.



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UNITED STATES PATENT OFFICE.

JAMES ANDREW JORDAN, OF BANGOR, IRELAND.

ELECTRIC BRANDING DEVICE.

1,006,756.

Specification of Letters Patent.

Patented Oct. 24, 1911.

Application filed February 25, 1911. Serial No. 610,745.

To all whom it may concern:

Be it known that I, JAMES ANDREW JORDAN, a subject of the King of Great Britain, residing at Bangor, county Down, Ireland, have invented a certain new and useful Improved Electric Branding Device, of which the following is a specification.

This invention relates to electric heating devices having a receptacle within which a resistance coil is suitably arranged and insulated, the object of this invention being to provide an improved form of electric heating device which is specially adapted for the operation of branding or stamping meat and which will be portable and be instantly ready for use and make a clean and absolutely indelible and inobjectionable mark upon the meat.

Under my invention the improved branding device consists of a portable stamp or brand holder having removably secured to it any desired metallic or other stamp, or brand, and between the stamp or brand and the holder a resistance coil or a series of resistance coils, suitably arranged above a plate removably secured to the holder the coil or coils being suitably insulated. When an electric current is passed through the coil or coils, heat will be generated and the stamp, or brand, will be subjected to the heat generated so that the temperature thereof will be raised to such a degree that on placing it against the meat a corresponding mark or brand will be obtained thereon.

In order that my invention may be clearly understood, I have hereunto appended two explanatory sheets of drawings, whereon I have shown, by way of example, one form of the electric branding device made in accordance with my invention.

Figure 1 is a side elevation of the device. Fig. 2 is a view looking on the face of the device, with the brand or stamp plate removed. Fig. 3 is an end elevation of the device. Fig. 4 is a view looking on the face of the stamp or brand plate.

On the drawings the same reference letters, wherever repeated, indicate the same parts.

Referring to the drawings, the stamp or brand holder shown thereon consists of a rectangular box *a*, made of metal or other suitable material, having a plate *b* secured to it by means of bolts *c* screwed into sockets *a*¹ provided in the bottom of the box. Holes *b*¹ are provided in the plate *b* and above it

resistance coils *d* are arranged and wrapped around mica or equivalent strips *d*¹ and incased in mica, or equivalent, wrappings *d*². The coils *d* may, of course, be otherwise suitably incased and insulated. The resistance coils *d* are, at one end, suitably connected together at *d*³, and, at the other end, they are connected to terminals *d*⁴ which are, or which may be, when desired, connected to the source of supply of electricity by means of the flexible wires *d*⁵. The stamp or brand *f* (showing in the drawings with the letters B, C, thereon) may, of course, be of any desired shape and made to give any desired mark on the meat. The stamp plate *f* is arranged above the resistance coils *d* and secured to the holder or box *a* by means of the studs *f*¹ so that it is removable and can, if desired, be replaced by another stamp or brand. The box *a* to which the stamp or brand *f*, resistance coils *d*, and plate *b*, are secured is provided with handles *g*, or their equivalent, whereby the device may be carried about and be held against the meat for the purpose of marking the same.

The arrangement of the device described is such that, when an electric current is passed through the coils *d*, heat will be generated and the stamp, or brand *f*, above or in front of the coils *d*, will be subjected to the heat generated and thereby heated to the desired degree so that, on placing it against the meat, as described, a corresponding mark or brand will be obtained thereon.

The supply of electricity may be obtained from any suitable source, such as a portable battery or from the mains of a public or other supply.

The stamps or brands *f* should be made of a material which could be readily heated and maintained at an even temperature.

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

An electric device for branding meat comprising, in combination, a holder open at its top and provided with an opening in its bottom, a number of internally screw threaded bosses on the interior of the bottom of the holder, screw threaded bolts corresponding in number to the bosses and removably secured thereon and projecting beyond the top of the box, a metal plate on the top of the box provided with holes for the reception of the beforementioned bolts and for

the passage of electric conducting wires, electrical resistance coils superposed on said plate and electrically insulated therefrom, a brand plate superposed on said electrical resistance coils provided with holes for the passage of the beforementioned bolts and secured to the plate below the electrical resistance coils, wires connected to the resistance coils which pass through the holes in
10 the plate below the resistance coils and in

the box bottom for leading the electric current to and from the resistance coils, and handles secured to the holder for manipulating the branding device.

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

JAMES ANDREW JORDAN.

Witnesses:

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HARRY WALTER ALLSOP.