

M. M. MACDONALD.
Trusses.

No. 154,556.

Patented Sept. 1, 1874.

FIG. 1.

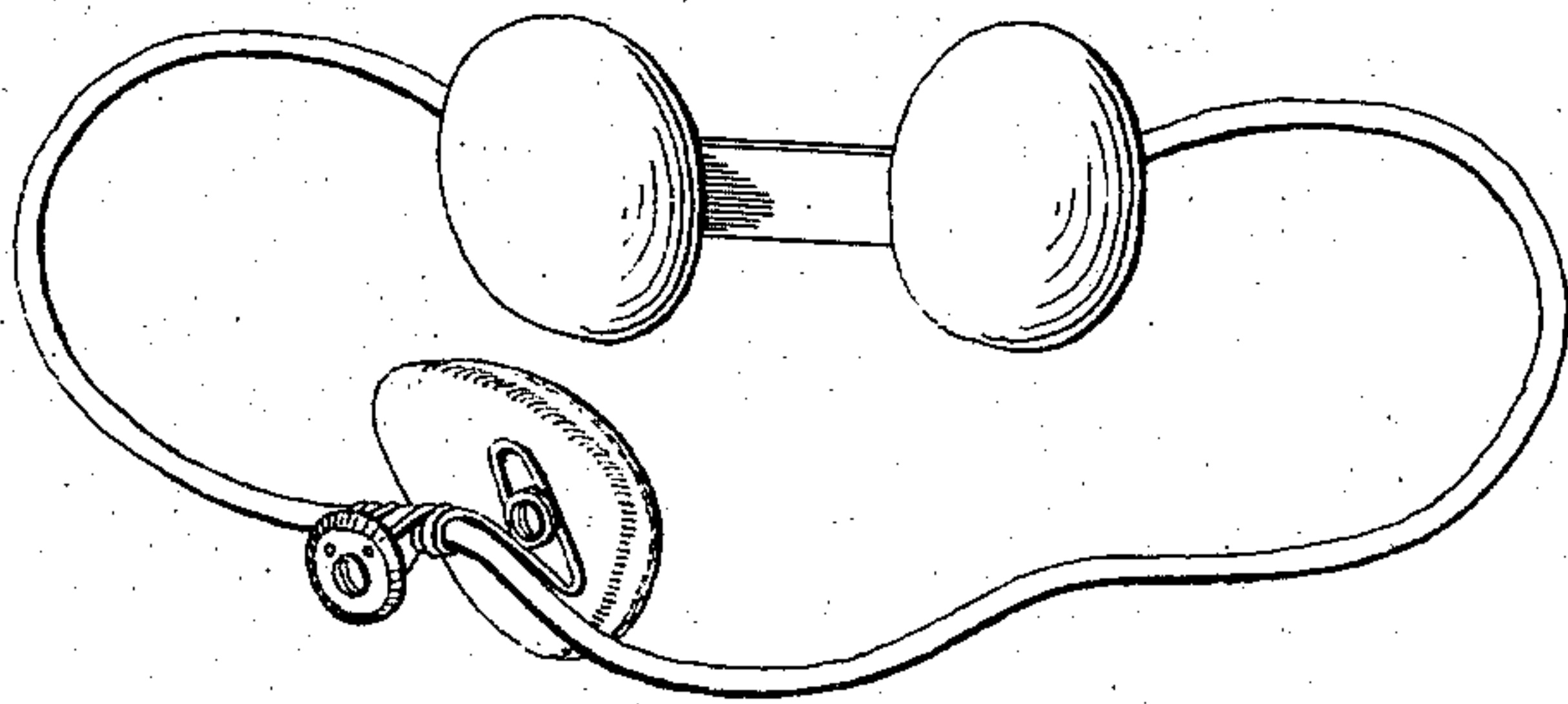
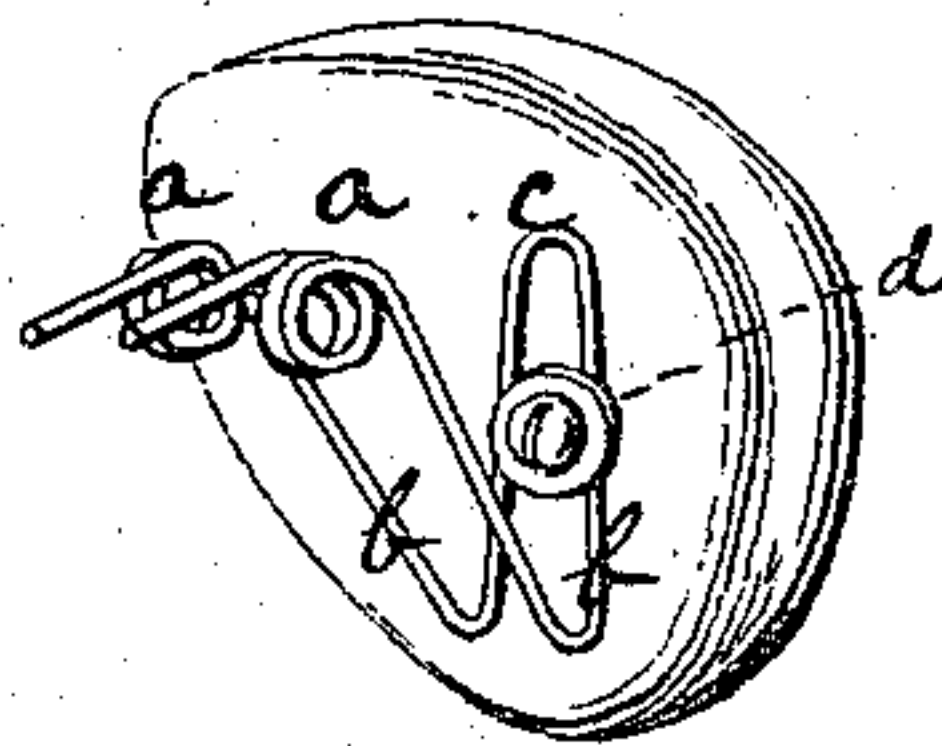
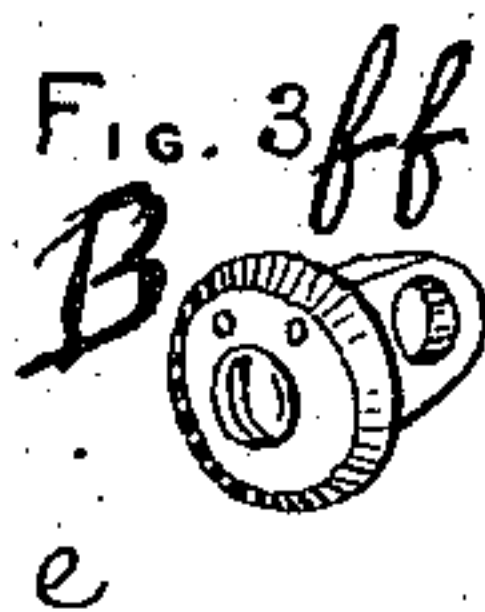


FIG. 2.



WITNESSES:

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UNITED STATES PATENT OFFICE.

MANVILL M. MACDONALD, OF SYRACUSE, NEW YORK.

IMPROVEMENT IN TRUSSES.

Specification forming part of Letters Patent No. 154,556, dated September 1, 1874; application filed May 19, 1874.

To all whom it may concern:

Be it known that I, MANVILL M. MACDONALD, of Syracuse, Onondaga county, New York, have invented Improvements in Hernia-Trusses and Abdominal Supporters, of which the following is a specification:

My invention consists of coil-wire springs continued into arms or levers, and formed into bows and loops, for attachment of pads by screws and washers, or other fastenings.

The free ends of the coil-wire pass into the holes in the rim of the clamp, with a set-screw for adjustment.

By reference to the drawings, Figure 1 represents the combined truss, which is perfectly adjustable, and graduates the pressure of the springs, and gives uniform central and oscillating action to the pads and supporter at-

tachments. In Fig. 2 are shown the coil-springs *a a*, with their arms or levers formed into bows *b b* and loops *c c*, for the attachment and adjustment of pads by the screw *d* and washers. The view in Fig. 3 is of the rim-clamp B, provided with holes *ff* and set-screw *e*, to control the coil-springs and their attachments.

I claim—

The combination of the coils *a a*, bows *b b*, and loop *c*, made of a single wire, with the set-screw *d* and the clamp B, with its perforations, all as described.

MANVILL M. MACDONALD, M. D.

Witnesses:

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