No. 645,433. Patented Mar. 13, 1900

J. F. STRANGE.

MAGNETIC PAD.

(Application filed Aug. 24, 1899.)

(No Model.)

Fig. 1.

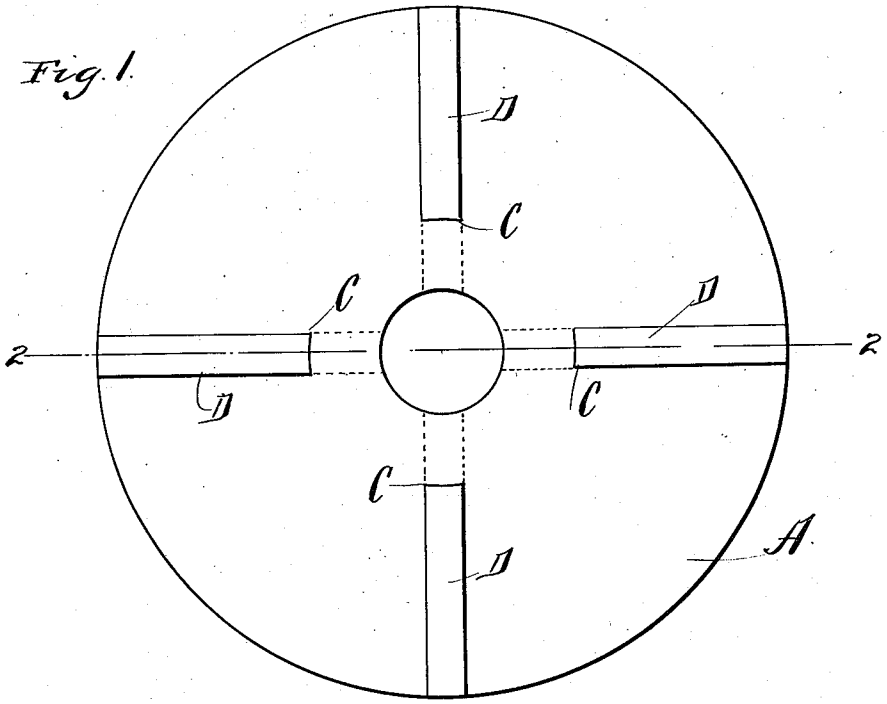


Fig. 2.

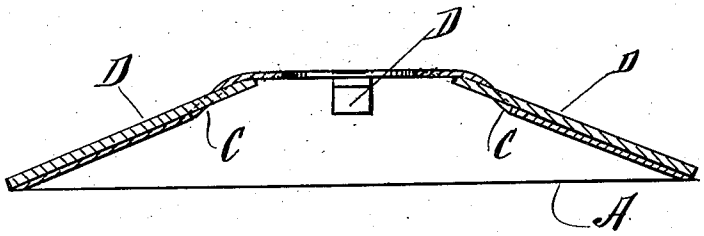
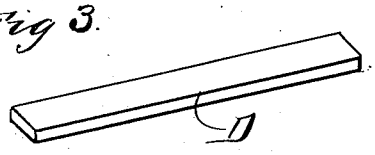


Fig 3.



Witnesses.

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Inventor.

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UNITED STATES PATENT OFFICE.

JOHN F. STRANGE, OF NEW BEDFORD, MASSACHUSETTS, ASSIGNOR OF TWO-THIRDS TO WILLIAM CROFT AND WILLIAM CLINTON SHEEHY, OF SAME PLACE.

MAGNETIC PAD.

SPECIFICATION forming part of Letters Patent No. 645,433, dated March 13, 1900.

Application filed August 24, 1899. Serial No. 728,280. (No model.)

To all whom it may concern:

Be it known that I, JOHN F. STRANGE, of New Bedford, in the county of Bristol and State of Massachusetts, have invented certain new and useful Improvements in Magnetic Pads; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention consists in improvements made in magnetic pads to be applied to different parts of the body to allay local pains and develop the vitality and growth of those parts.

It is fully explained and illustrated in this specification and the accompanying drawings.

Figure 1 represents a top view of the pad with the magnets in place, showing their position. Fig. 2 is a vertical cross-section of the pad, taken through the center on line 2 2 in Fig. 1. Fig. 3 is a perspective view of one of the magnets separate from the pad.

Similar letters denote the same parts in all the figures.

The construction of my magnetic pad is as follows:

A is a piece of sheet-rubber made into the shape of a hollow truncated cone open at the top, with the sides of the cone making an angle of from fifteen to twenty degrees with the plane of the outer edge or base. The contour of the outer edge or base of the cone is immaterial, as it may be round, as shown in Fig. 1 of the drawings, or it may be square or have as many sides as may be desired. Apertures C C are made through the sides of the cone at about two-thirds of the distance up from the lower edge, into which permanent bar-magnets D D are inserted in an inclined position, with about one-third of their lengths inside the cone, the other two-thirds of each magnet projecting out over the side of the cone. (See Fig. 2.) The number of these magnets may be from two, placed opposite to each other, up to any desired number, according to the strength desired. The shape and proportion of the magnet preferred is shown in Fig. 3, though it may be varied somewhat, if desired.

Having thus described my improvements, I claim as my invention and desire to secure by Letters Patent—

A magnetic pad consisting of a hollow truncated cone of sheet-rubber in combination with a series of two or more permanent bar-magnets inserted in the sides of said cone, substantially as described.

In testimony whereof I have hereunto set my hand this 10th day of August, A. D. 1899.

JOHN F. STRANGE.

In presence of—

BENJ. ARNOLD,

M. E. CLEVELAND.