

G. H. TAYLOR.

MEDICAL RUBBING APPARATUS.

No. 175,202.

Patented March 21, 1876.

Fig. 1.

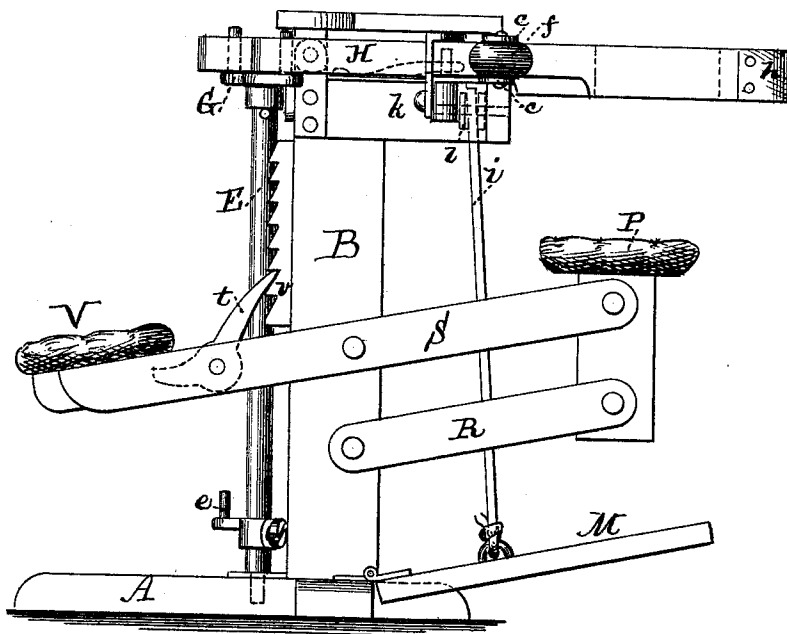
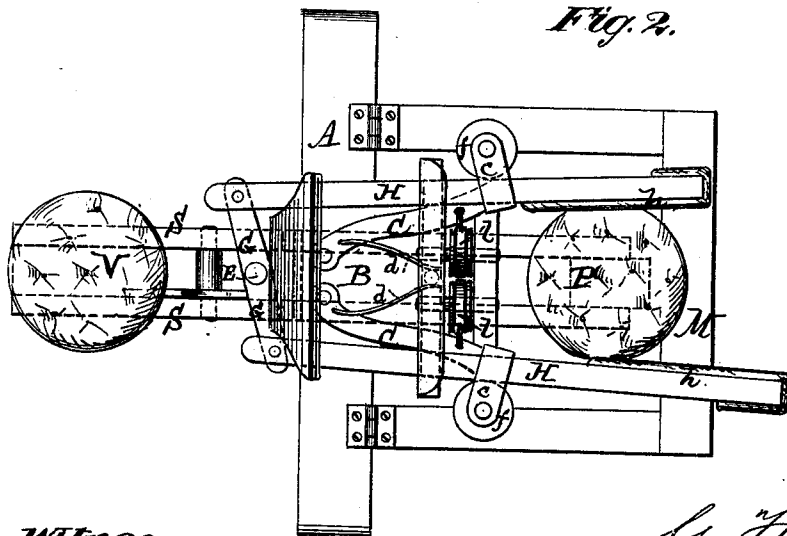


Fig. 2.



Witnesses
John Becker
Fred Hayner

G. H. Taylor
by his Attorney
Brown & Allen

UNITED STATES PATENT OFFICE.

GEORGE H. TAYLOR, OF NEW YORK, N. Y.

IMPROVEMENT IN MEDICAL RUBBING APPARATUS.

Specification forming part of Letters Patent No. **175,202**, dated March 21, 1876; application filed May 17, 1875.

To all whom it may concern:

Be it known that I, GEORGE H. TAYLOR, of New York, in the county and State of New York, have invented an Improved Medical Rubbing Apparatus; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing, forming part of this specification.

The object of my invention is to produce effects on different parts of the human body similar to those produced by rubbing with the hands, and to afford facility to the patient for directing and controlling the rubbing operation; and it consists in a novel combination of reciprocating rubbers, an adjustable seat, a treadle or lever, and connecting devices, whereby the pressure of the rubbers may be controlled at the pleasure of the patient.

In the accompanying drawing, Figure 1 is a side view of my improved apparatus. Fig. 2 is a top view of the same.

A represents a base or platform, in which rests the lower end of a standard, B, at the upper end of which is pivoted the inner ends of two arms, C C, which are provided with springs *d d* having a tendency to keep them pressed outward from each other. The outer end of each of the arms C terminates in two lugs, *c c*, between which is journaled a friction-roller, *f*.

On the rear side of the standard B is a vertical shaft, E, the ends of which work in suitable bearings provided for the purpose. At the upper end of this shaft is attached, midway of its length, a horizontal arm, G, to the ends of which are pivoted the rear ends of the rubbers, which consist of strips or bars H, the inner sides of which, near the front ends, are covered with rubber, leather, fibrous fabric, or other suitable material, *h*, attached in any suitable manner. The rear portions of the bars H pass between the lugs *c* and the rollers *f*, the rollers bearing on the outer sides of the bars.

Near the outer ends of the arm C are attached the upper ends of two straps, cords, or bands *i*, which pass over pulleys *l*, journaled in a frame, *k*, attached to the upper end of the standard B, and have their lower ends at-

tached to a treadle or lever, M, the rear end of which is hinged or pivoted to the base or platform A.

The vertical shaft E is provided with a projecting arm or crank, *e*, to which power may be applied in any suitable manner to rock the shaft E and oscillate the arm G, so as to give a reciprocating motion to the rubbers H.

The seat P for the patient is attached by pivots to the front ends of two arms, R R, the rear ends of which are pivoted to the standard. Said seat is also pivoted to the front ends of two levers, S S, which have their fulcra on the standard B, by which means the seat is adjusted to different heights, and always remains in a horizontal position, the arms R and lever S being parallel with each other.

The rear ends of the levers are united, so as to operate as one lever, and may be provided with a seat, V, for the attendant. The seat P is held in place, at different heights, by means of a pawl, *t*, on the lever S, and a ratchet, *v*, on the standard B, engaging with each other, as shown in Fig. 1.

The patient sits on the seat P when at its lowest position, and by means of the feet on the treadle or lever M regulates the pressure of the rubbers H H, which are then set in motion by the attendant by any suitable means. The upper part of the body is rubbed first, and then the seat is gradually raised, either by the feet of the patient pressing against the floor, or by the attendant pressing down the rear end of the lever S, by which means the lower parts of the body are brought in contact with the rubbers.

I do not claim, in this application, the rising and falling seat, or the reciprocating rubbers, either separately or in combination.

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

The combination, with the seat P and rubbers H H, of the treadle or lever M, straps or bands *i i*, and arms C C, substantially as and for the purpose herein described.

GEO. H. TAYLOR.

Witnesses:

BENJAMIN W. HOFFMAN,
F. HAYNES.