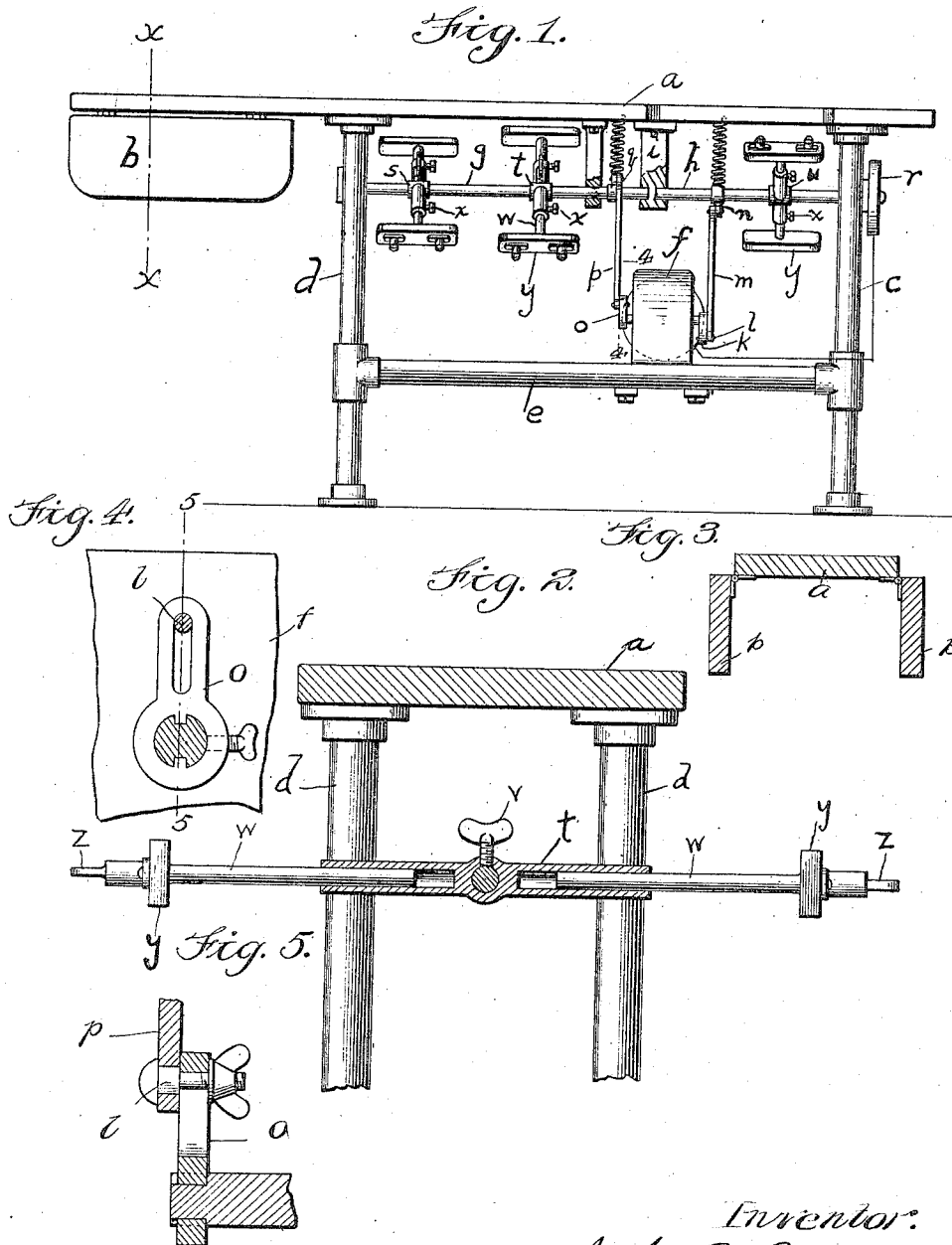


J. R. BEUCHLER, JR.
FLESH REDUCING APPARATUS.
APPLICATION FILED JULY 23, 1917.

1,238,091.

Patented Aug. 28, 1917.



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UNITED STATES PATENT OFFICE.

JOHN R. BEUCHLER, JR., OF WASHINGTON, DISTRICT OF COLUMBIA.

FLESH-REDUCING APPARATUS.

1,238,091.

Specification of Letters Patent.

Patented Aug. 28, 1917.

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To all whom it may concern:

Be it known that I, JOHN R. BEUCHLER, Jr., a citizen of the United States, residing at Washington, District of Columbia, have invented certain new and useful Improvements in Flesh-Reducing Apparatus, of which the following is a specification, reference being had therein to the accompanying drawing.

The present invention relates to a flesh reducing apparatus, or apparatus for massaging portions of the human body, and has for its object to produce a simple and efficient apparatus for this purpose, which apparatus can be cheaply constructed, and which will be adjustable, as to length of stroke, portion or portions of the body to be massaged, all in the manner hereinafter more fully described and as illustrated.

The accompanying drawing, forming a part of this specification, shows in Figure 1 a longitudinal vertical section of the device, Fig. 2 shows a section taken at right angles to Fig. 1, through one of the rocking arms, to which the belts are to be attached. Fig. 3 is a cross sectional view on the line $x-x$ of Fig. 1. Fig. 4 is a sectional view on line 4-4 Fig. 1, and Fig. 5 a sectional view on line 5-5 of Fig. 4.

By referring to said drawings, a represents the flat top of the table, provided with a hinged rest b , and supported upon two pairs of legs c and d , which legs are connected by suitable lengthwise rods e . Resting upon and attached to the rods e , or a lower table carried thereby, is a suitable electric motor f for operating the rock shafts g and h . These two shafts are suitably journaled in the ends of the table, and also in the journal i , at their inner ends. Attached to the shaft of the motor f is a crank lever k provided with a slot carrying a pin l , for adjustably connecting the arm m , suitably attached to the rock shaft n for oscillating the rock shaft h . On the other side of the motor is a similar crank o provided with a slit for operating in the same manner the rod p and the crank q for oscillating the

shaft g . The shafts g and h may be oscillated in the same direction, or opposite directions as desired, and by suitably adjusting the pin l in the slot in the crank k , and the corresponding pin in the crank o , the angle through which the shafts g and h are oscillated may be controlled at will. The operation of the motor f may be further controlled by means of a suitable rheostat illustrated at r , through which the wires for furnishing current for the motor pass, these wires passing through the hollow supports c and e .

Three rocking beams s , t and u are illustrated as being mounted upon the shafts g and h , although any desired number may be employed. By loosening the set screw v , the rock beams may be slid lengthwise of the shafts g and h , for bringing the massaging belts or rollers, to play upon desired parts of the body of the person under treatment. The angle through which the rock beams oscillate is determined by suitably positioning the pins in the slots in the cranks o and k . The length of stroke of the massaging belts may still further be adjusted, by sliding inwardly or outwardly the rods w , the set screws x being loosened for this purpose and then tightened again. The head y of the rod w carries suitable buttons z for attaching belts or straps of leather or fabric or other suitable material, carrying rollers of any desired construction, for massaging the desired portion of the body of the person under treatment.

The operation of the device will be obvious from the above description, the person being laid upon the table a , lengthwise in Fig. 1, suitable belts or straps carrying rollers or other massaging elements being attached to the heads y by means of the buttons z , and the device then being set in operation, the straps carrying the rollers referred to being reciprocated across the body of the person, at that portion where it is desired to cause the massaging for the purpose of reducing flesh.

While I have described the device in

great detail, it is obvious that various modifications, within the scope of the appended claim can be made, without departing from the spirit of my invention.

5 What I claim is:

In a massage apparatus, the combination of a motor a table, a plurality of rocking shafts beneath the table carrying rock-arms provided with belt attaching means, a

frame supporting said elements and inde- 10
pendent adjustable connections between said motor and each of said rocking shafts, whereby the said shafts may be caused to rock to the same or different degrees, and in the same or opposite directions. 15

In testimony whereof I hereunto affix my signature.

JOHN R. BEUCHLER, JR.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."