Aug. 13, 1940. S. H. MILLER 2,211,214

APPARATUS FOR ADVANCED CHIROPRACTIC PROCESS

Filed Aug. 22, 1938

FIG-1

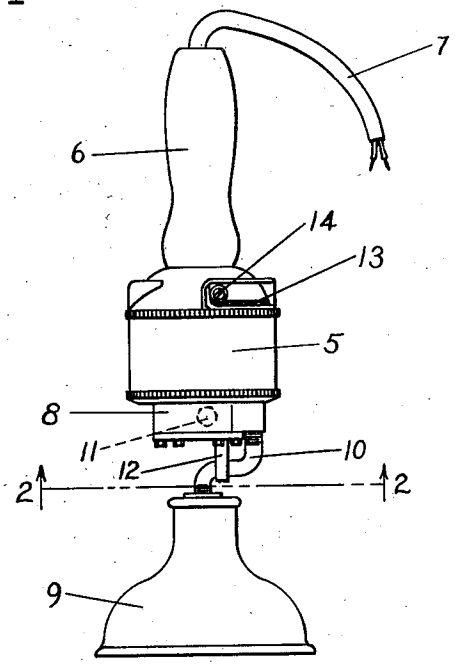
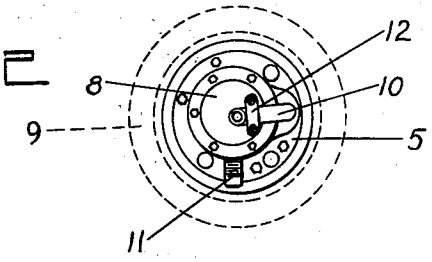


FIG-2



Inventor

Samuel H. Miller,

By Walter N. Haskell,

his Attorney

Patented Aug. 13, 1940

2,211,214

UNITED STATES PATENT OFFICE

2,211,214

APPARATUS FOR ADVANCED CHIROPRACTIC PROCESS

Samuel H. Miller, Rock Island, Ill.

Application August 22, 1938, Serial No. 226,051

1 Claim. (Cl. 128—38)

My invention has reference to an apparatus for carrying on what is known as an advanced chiropractic or bloodless manipulative surgery, and the method by which the work is carried on. Its chief purpose is to return abnormal bodily conditions to normal by operating upon prolapsed and other disturbed conditions of the organs of the human body, and on the viscera.

The object of the invention is carried out by means of a combination instrument, embodying a vacuum cup, a centrifugal air pump for creating a suction in the vacuum cup, and an electrically driven motor by means of which the pump is operated. A somewhat similar apparatus has been made use of in connection with the force of a stream of water from a small hydrant or nozzle, but the water supply is not always obtainable, or provided with sufficient force. The present instrument is all ready for use wherever it can be connected with a light or power system, or with a small battery, such as those in use in motor vehicles.

The application of the instrument to a diseased part and the operation thereof tends to raise such part, and restore it to its natural position and condition. Coincidently with the operation of the instrument there is a manual manipulation of the ailing organ, tending to give instant and lasting relief. Adhesions which are obstructing the normal nerve and blood supply in the affected parts are also broken down and removed.

The particular construction of the apparatus and manner of use thereof will more fully appear from the following specification, taken in connection with the accompanying drawing, in which:

Fig. 1 shows the invention in side elevation.

Fig. 2 is a cross-section on the broken line 2—2 of Fig. 1.

The reference number 5 indicates the casing of an electric motor, provided with a handle 6, through which runs an electric cord or cable 7, provided with the usual means for connection with a socket or similar device, not shown in the drawing. Oppositely to the handle 6 there is attached to the casing 5 a casing 8, containing a small pump of centrifugal type, with devices therein operatively connected with the motor, in any known manner, not pointed out herein. A vacuum cup 9, of any suitable pattern, is connected with the pump 8 in such a manner that when the pump is in operation the air in the cup 9 is exhausted and drawn inwardly through the cup and pump, and out through an exhaust pipe 11 in one side thereof. For greater strength the pipe 10 is supported by a strap 12, fixed to the wall of casing 8. In pumps of the kind described it is customary to direct a current of air in a direction oppositely to that just named, and a readjustment of the parts of the pump is necessary to get a reversal of the usual action thereof.

When in use, the instrument is applied to the body of a patient, with the bell of the vacuum cup in proximity to the organ or other part to be relieved. The pump is thereupon operated, tending to relieve the ptosis and undue pressure upon the organ. At the same time the instrument is drawn upwardly by one hand of the operator, while the other hand is employed in manipulating and kneading the distressed part. The results are of a salubrious character, and are induced by the combined action of the instrument and manipulation of the parts.

It will be noted that by the use of the goose-neck pipe 10 all of the parts of the tool are in axial alignment, which is a distinct advantage, as it enables the operator to lift the tool directly away from the body, instead of operating the cup at an angle with the handle.

The motor 5 is shown provided with a switch at 13, with a push-button at 14, by means of which the force of the electric current, and speed of the pump, to increase or diminish the amount of suction in the cup, can be controlled.

The apparatus and treatment herein referred to are for many other diseased conditions of the body which are too numerous to be listed herein.

Vacuum cups of different diameters can be used, and other changes can be made in the proportions and arrangement of the parts without departing from the scope of the invention, as set out herein.

What I claim, and desire to secure, is:

In an apparatus of the class described, an electric motor and extension handle therefor in axial alignment with each other, a fluid pump connected with said motor for operation thereby and in axial alignment therewith, and a vacuum cup and connection between said cup and pump supporting said cup in axial relation with said motor and handle.

SAMUEL H. MILLER.