United States Patent [19]

Parvin

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[54] **SHOE WITH NERVE AND MUSCLE RELAXANT**

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[52] **U.S. Cl.** .....**128/25 B,** 128/582

[51] **Int. Cl.** **A61h 1/02**

[58] **Field of Search** .....128/25 B, 34–36, 128/582

[56] **References Cited**

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FOREIGN PATENTS OR APPLICATIONS

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Primary Examiner—Lawrence W. Trapp

Attorney—Richard S. Shreve, Jr.

[57] **ABSTRACT**

The heel of a shoe contains a battery and electrically powered motor means connected in circuit by a manually operated on-off switch. When the switch is closed, the means produces vibrations transmitted through the feet of the wearer to the rest of the body, promoting a relaxing action on nerves and muscles.

4 Claims, 3 Drawing Figures

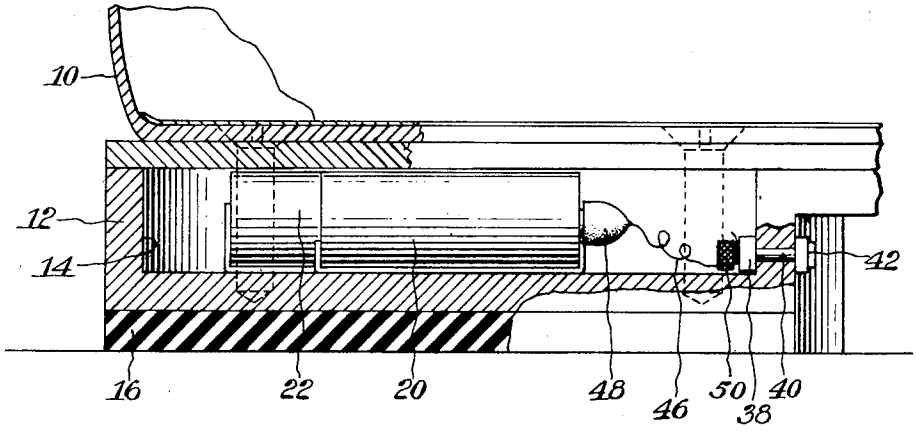


FIG. 1

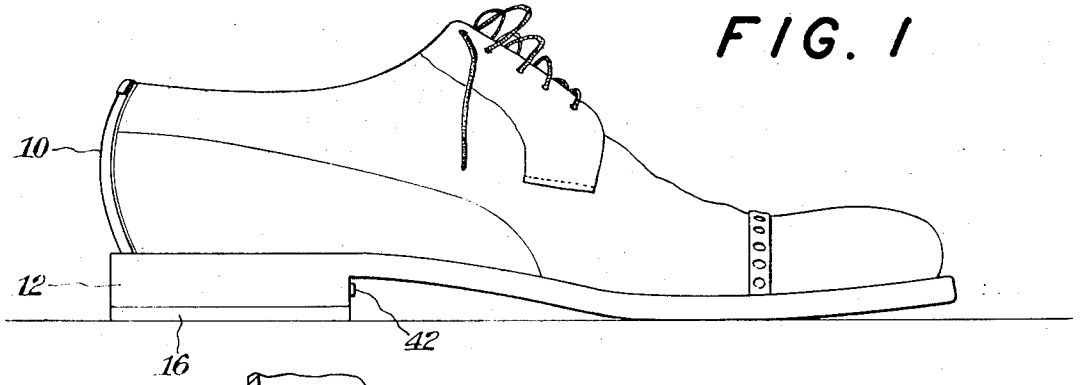


FIG. 2

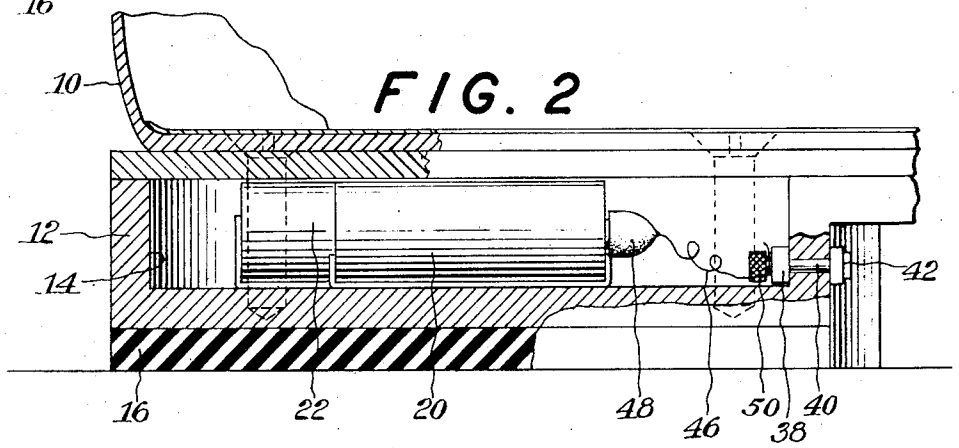
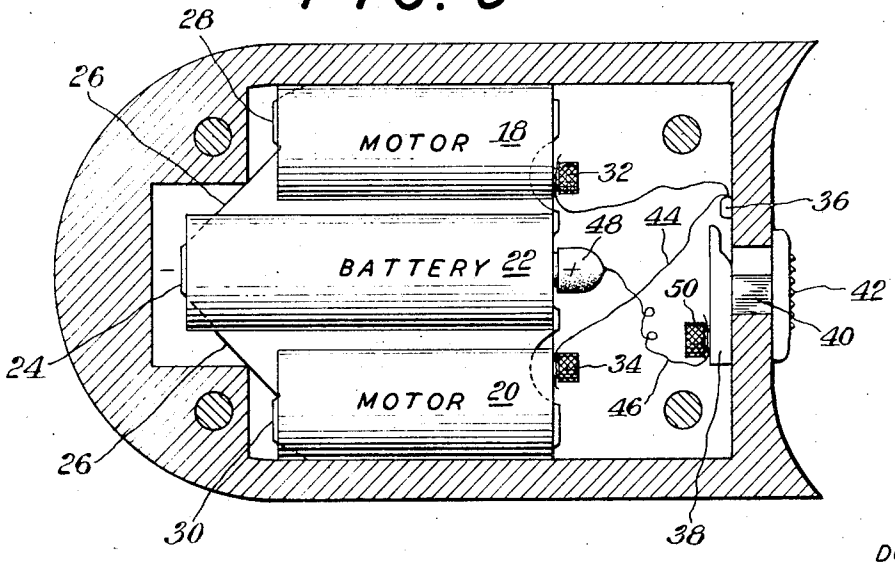


FIG. 3



INVENTOR.
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SHOE WITH NERVE AND MUSCLE RELAXANT

SUMMARY OF THE INVENTION

The heel of a shoe has a hollowed out region containing a dry cell disposed between two motors. The motors are connected in parallel to the cell through a manually operable on-off switch accessible from the outside of the heel and extending into the region. When the switch is turned on, both motors rotate in opposite directions, thus producing the desired vibrations and, at the same time, producing no unbalanced torque because of the opposite directions of rotation.

BRIEF DESCRIPTION OF THE DRAWINGS

In the drawings:

FIG. **1** is a side elevation of my invention;

FIG. **2** is an enlarged detail cross sectional side view of my invention; and

FIG. **3** is an enlarged detail cross sectional top view of my invention.

DETAILED DESCRIPTION OF PREFERRED EMBODIMENTS

Referring now to FIGS. **1-3**, a shoe **10** has a heel **12** with a hollowed out chamber or region **14** covered by a removable base layer **16**.

First and second motors **18** and **20** in parallel spaced coplanar relationship extend horizontally in the longitudinal direction of the shoe. A dry cell **22** parallel to the motors is disposed therebetween and is coplanar therewith. The negative terminal **24** of the cell is connected via conductors **26** to one terminal **28** on motor **18** and another terminal **30** on motor **20**. Terminal **32** on motor **18** and terminal **34** on motor **20** are connected in common to post **36** by lead **44**. Slide arm **38** on manually operable on-off switch **40** disposed partially in the chamber and controllable by slide **42** on the outside of the heel is connected via lead **46** to positive terminal **48** of the cell via terminal **50** on the arm.

The motors rotate in opposite directions with the results indicated when slide **42** is moved to move arm **38** into contact with post **36**.

While I have described my invention with particular reference to the drawings such is not to be considered as limiting its actual scope.

Having thus described this invention what is asserted as new is:

1. A shoe having a heel with a chamber therein, a dry cell in said chamber, electrically operated motor means in the chamber, a manually operated on-off switch partially in the chamber and partially outside of said heel, and circuit means in the chamber electrically connecting the motor means in circuit with said cell.

2. A shoe as set forth in claim **1** wherein said motor means includes two motors disposed on opposite sides of the cell and electrically connected in parallel.

3. A shoe as set forth in claim **2** wherein said motors and cell extend parallel and horizontally in the longitudinal direction of said shoe.

4. A shoe as set forth in claim **3** wherein said motors, when energized, operate in opposite directions.

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