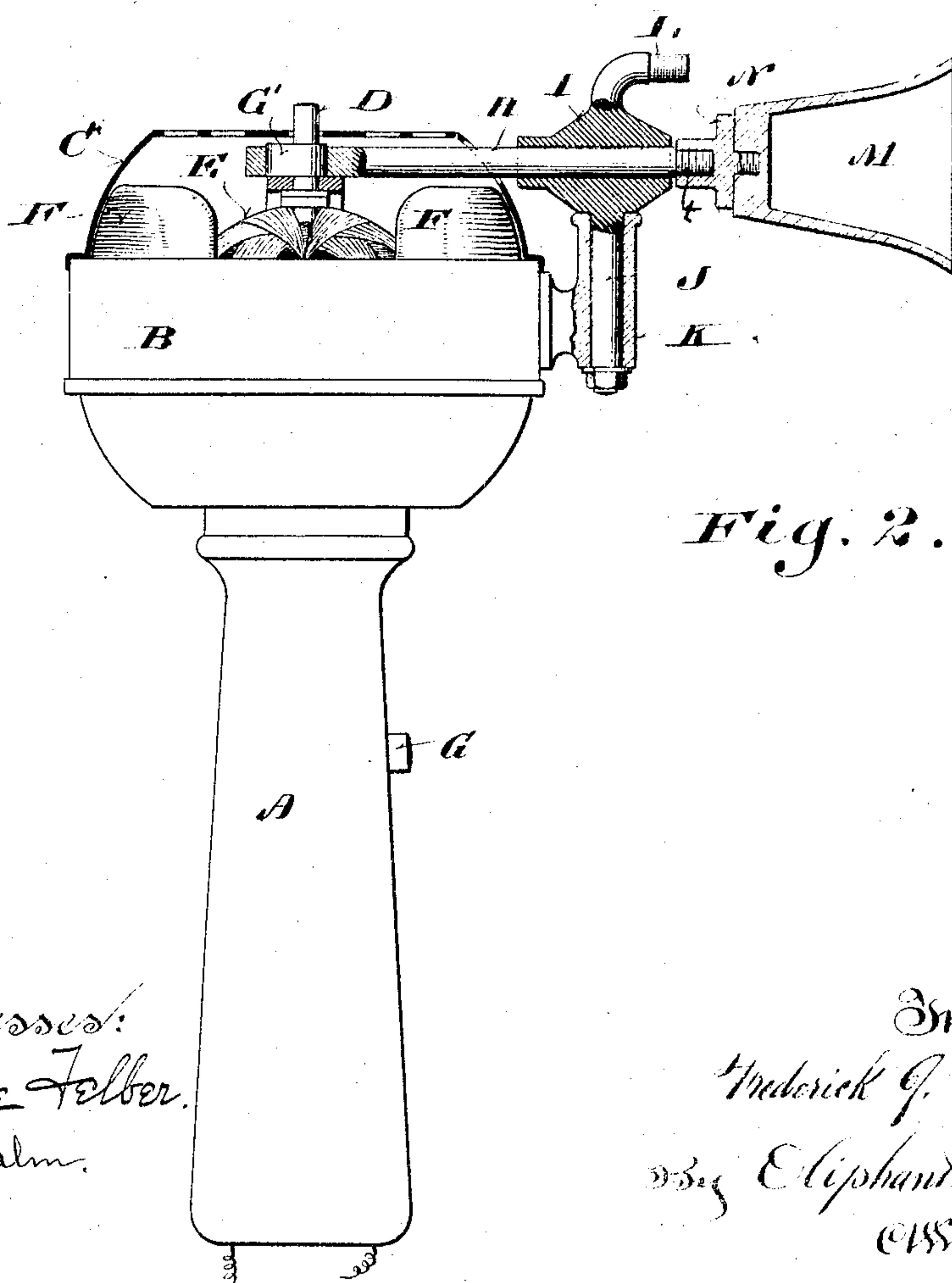
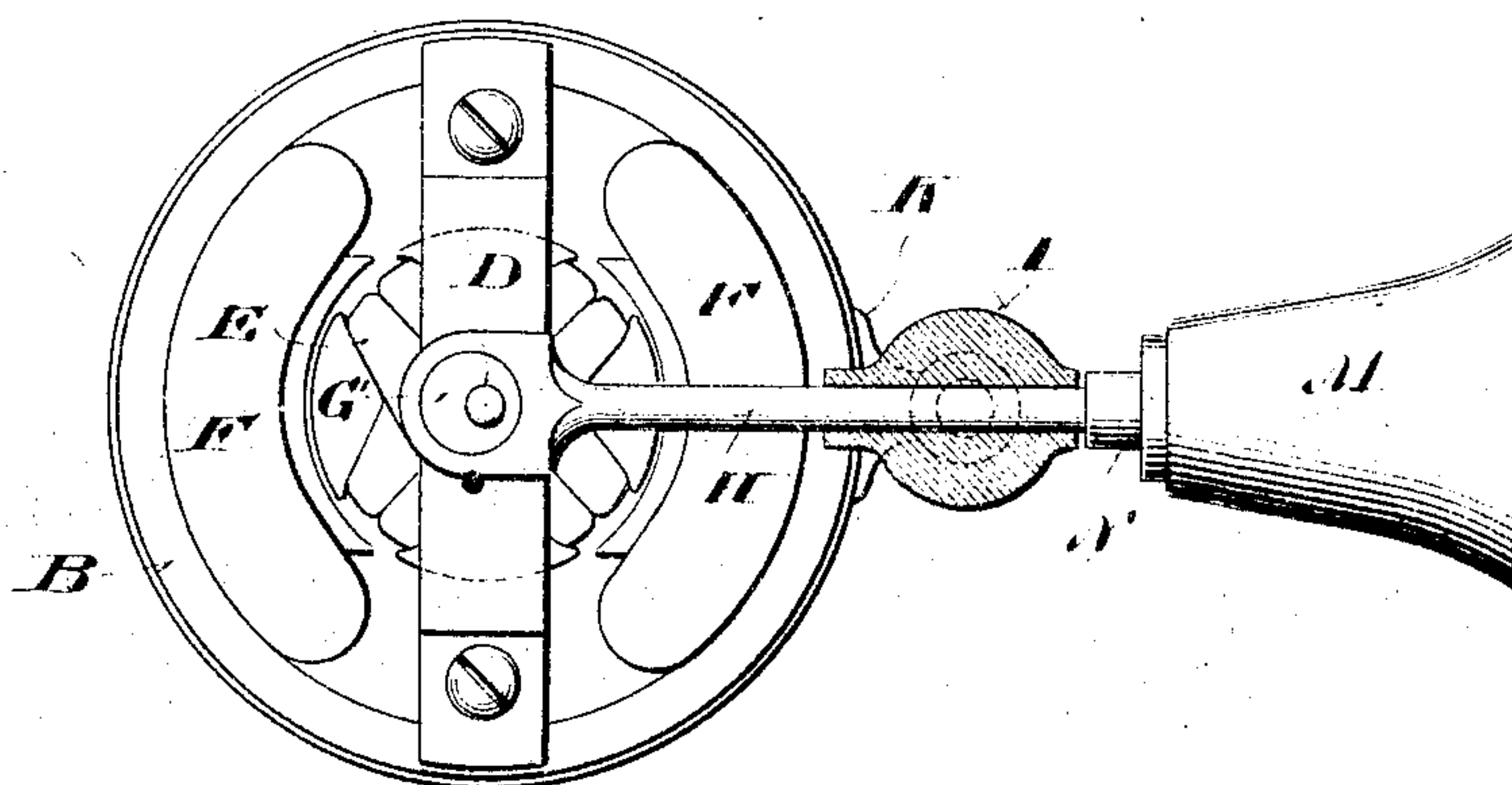


No. 847,360.

PATENTED MAR. 19, 1907

F. J. OSIUS.  
MASSAGING IMPLEMENT.  
APPLICATION FILED SEPT. 23, 1905.

*Fig. 1.*



*Fig. 2.*

Witnesses:  
George Felber.  
Fred Palm.

Inventor:  
Frederick J. Osius  
By Eliphant & Young,  
Attorneys.



# UNITED STATES PATENT OFFICE.

FREDERICK J. OSIUS, OF RACINE, WISCONSIN, ASSIGNOR TO UNITED STATES  
STANDARD ELECTRICAL WORKS, OF RACINE, WISCONSIN.

## MASSAGING IMPLEMENT.

No. 847,360.

Specification of Letters Patent.

Patented March 19, 1907.

Application filed September 25, 1905. Serial No. 279,910.

*To all whom it may concern:*

Be it known that I, FREDERICK J. OSIUS, a citizen of the United States, and a resident of Racine, in the county of Racine and State of Wisconsin, have invented certain new and useful Improvements in Massaging Implements; and I do hereby declare that the following is a full, clear, and exact description thereof.

My invention consists in certain peculiarities of construction and combination of parts hereinafter particularly set forth with reference to the accompanying drawings and subsequently claimed, its object being to provide simple, economical, compact, light, durable, and efficient portable massaging implements each organized to have the manipulating device thereof either oscillative and reciprocative or simply oscillative, as may be preferred from time to time in practice.

Figure 1 of the drawings represents a plan view of one of my improved massaging implements, partly in horizontal section and having a casing-cover thereof removed; and Fig. 2, a side elevation of the implement, partly in section.

Referring by letter to the drawings, A indicates a handle, B a casing in connection with the handle, and C the cover of the casing. Contained in the casing is an electric motor, the shaft D, armature E, and field-magnets F of which are shown. The motor is wired through the handle A to a source of electric current, and the stem G of a motor-controlling switch (not shown) is exposed through said handle. The construction thus far described is common in the art, and in so far as my invention is concerned any suitable driven shaft may be substituted for that of said motor.

The shaft is provided with an eccentric G', that turns in one end of a pitman H, that extends through a slot in the casing-cover B and is reciprocative in a head I of a pivot-shank J, that is loose in a sleeve-bracket K, attached to the aforesaid casing. The head I of the shank J is provided with a screw-threaded, preferably crooked, stem L, and the outer end of the pitman H is also screw-threaded, said head and shank being an os-

illative guide for said pitman. A manipulating device M has an attachment N in the form of a nut engageable with said outer end of the pitman H or with the stem L of the head I, as may be most desirable from time to time in practice. The manipulating device M is shown as a cup of insulating material, preferably rubber; but various forms of such devices are common in practice.

When the manipulating device is attached to the pitman H it is both reciprocative and oscillative with the same; but being attached to the stem L of the spindle-head I it is confined to oscillative motion of said head imparted from said pitman.

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

1. In a massaging implement, a pitman, means in connection with one end of the pitman for actuating the same, a fixed bracket, a pitman-guide oscillative in connection with the bracket, and a manipulating device attachable to the other end of the pitman.

2. In a massaging implement, a motor having a shaft provided with an eccentric, a pitman having one end thereof engaged by the eccentric by which it is actuated, an oscillative guide through which the pitman is reciprocated, and a manipulating device attachable to the other end of said pitman.

3. In a massaging implement, a pitman, means for actuating the same, an oscillative guide for the pitman, and a manipulating device having interchangeable connection with said pitman and guide.

4. In a massaging implement an electric motor having its shaft provided with an eccentric, a pitman with which the eccentric has engagement, an oscillative guide for the pitman, and a manipulating device having interchangeable connection with said pitman and guide.

5. In a massaging implement, a pitman, means in connection with one end of the pitman for actuating the same, a fixed bracket, a pitman guide-sleeve having a shank for which the bracket constitutes a bearing, and a manipulating device attachable to the other end of the pitman.

6. In a massaging implement, a sleeve-

bracket, a head having a pivot-shank loose in the bracket and provided with a stem, a pitman guided in the head, and a manipulating device having interchangeable connection  
5 with the pitman and head-stem, and means for actuating said pitman.

In testimony that I claim the foregoing I

have hereunto set my hand, at Racine, in the county of Racine and State of Wisconsin, in the presence of two witnesses.

FREDERICK J. OSTUS.

Witnesses:

FREDA SCHACHT,  
GEO. C. SCHMITZ.