

No. 47,836.

PATENTED MAY 28, 1865..

J. W. KIMBALL & J. MAHADY.
SHOULDER SUPPORTER.



Witnesses.

W. B. Gleason

H. Gould

Inventor.

J. Mahady &
J. W. Kimball
by their atty
W. B. Cowley

UNITED STATES PATENT OFFICE.

J. W. KIMBALL, OF BOSTON, AND JOHN MAHADY, OF CAMBRIDGE, MASSACHUSETTS.

IMPROVEMENT IN SHOULDER-SUPPORTERS.

Specification forming part of Letters Patent No. 47,836, dated May 23, 1865.

To all whom it may concern:

Be it known that we, J. W. KIMBALL, of Boston, in the county of Suffolk, and JOHN MAHADY, of Cambridge, in the county of Middlesex, all of the State of Massachusetts, have invented an Improved Shoulder-Support; and we do hereby declare that the following, taken in connection with the drawing which accompanies and forms part of this specification, is a description of our invention sufficient to enable those skilled in the art to practice it.

It is well known that the constant use of a swing-machines tends to produce bodily distortion and local ailments from the disposition of the upper part of the body to bend or swing forward in correspondence with the pressure of the foot upon the sewing-machine treadle.

The object of our invention is to counteract the effect of this forward movement and inclination of the body by affording a means of resistance to the same, which we accomplish by attaching to or around the shoulders straps or braces which are united behind and connected by another strap to the back of the chair, these straps being so applied and connected to the chair as to hold or sustain the body in as erect a position as is comfortable

with an easy use of the machine. The same or a similar device may be employed for preventing a stooping or leaning tendency in the shoulders and upper part of the body in other occupations in which a person sits at a table.

Our invention consists, therefore, in a combination of straps or braces so arranged as to be fitted around the arms or over the shoulders and connected to a chair or any other suitable fixture in such manner as to maintain or tend to maintain the erectness of the body and the squareness of the shoulders.

Such an apparatus is shown in the drawing, which is a view of a person sitting at a sewing-machine and harnessed to the chair, the arm or shoulder straps *a* being united at the back and connected by a strap, *b*, to the chair, as will be readily understood.

We claim—

A combination of shoulder-straps with an attaching-strap, substantially as and for the purpose described.

In witness whereof we have hereunto set our hands this 25th day of March, A. D. 1865.

J. W. KIMBALL.
JOHN MAHADY.

Witnesses:

J. B. CROSBY,
F. GOULD.