

W. PILCHER.
Bellows.

No. 141,888.

Patented August 19, 1873.

Fig 1.

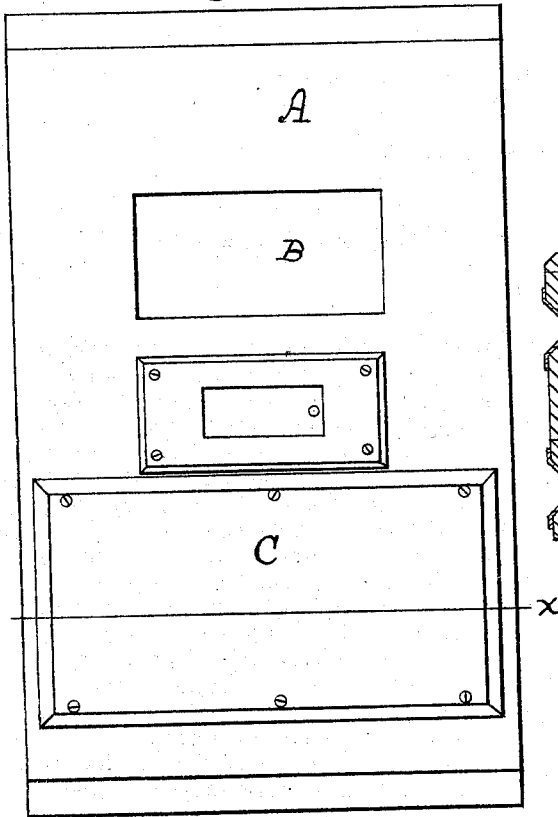
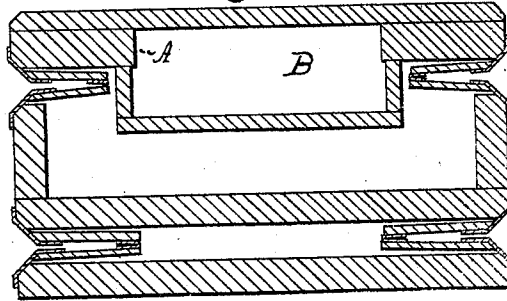


Fig 2
C



Witnesses,
E. A. West.
Chas. Bond

Inventor.
William Pilcher

UNITED STATES PATENT OFFICE.

WILLIAM PILCHER, OF CHICAGO, ILLINOIS.

IMPROVEMENT IN BELLOWS.

Specification forming part of Letters Patent No. 141,888, dated August 19, 1873; application filed November 25, 1872.

To all whom it may concern:

Be it known that I, WILLIAM PILCHER, of the city of Chicago, in the county of Cook and State of Illinois, have invented a certain new and useful Improvement in Bellows, of which the following is a full description, reference being had to the accompanying drawings making a part of this specification, in which—

Figure 1 is a plan view, and Fig. 2 a vertical section on line *x*.

My invention is designed, chiefly, to be applied to bellows for organs. It is customary to place brick, pieces of stones, or other heavy articles upon the top of bellows of organs to give the necessary weight. Some portion of these weights may be displaced or removed accidentally, or additional weights may be improperly placed upon the bellows, and the bellows is rendered top-heavy by placing weights thereon, as mentioned. My invention consists in providing one or more pockets or receptacles for these weights within the bellows itself, suspended from or connected to the top thereof.

In the drawings, A represents the top of the bellows. B is a receptacle for the weights. In an oblong bellows two of these receptacles

may be used—one in each end—one of which is represented as open in Fig. 1, the other is closed by the cover C. As represented in Fig. 2, this receptacle is made tight and permanently connected to the top A of the bellows. The receptacle might be suspended from the top of the bellows without being tightly fitted thereto, and one or more receptacles may be used, as may be desired, suitable openings being provided in the top A through which to introduce the weights, which openings, after the bellows has been properly weighted, should be carefully closed by suitable covers C. It is evident that the weights might be secured upon the under side of the covers C, in which case they would be within the bellows; but this mode of accomplishing the desired result is inferior to that above described.

What I claim as new, and desire to secure by Letters Patent, is as follows:

A bellows when provided with one or more receptacles for weights, or with weights located within the bellows, substantially as and for the purposes specified.

WILLIAM PILCHER.

Witnesses:

E. A. WEST,
O. W. BOND.