(No Model.)

L. C. CLARK.

PEDAL.

No. 263,858. Patented Sept. 5, 1882.

Fig. 1.

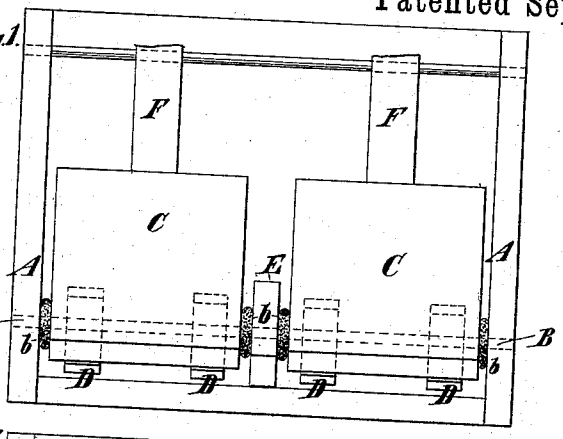


Fig. 3.

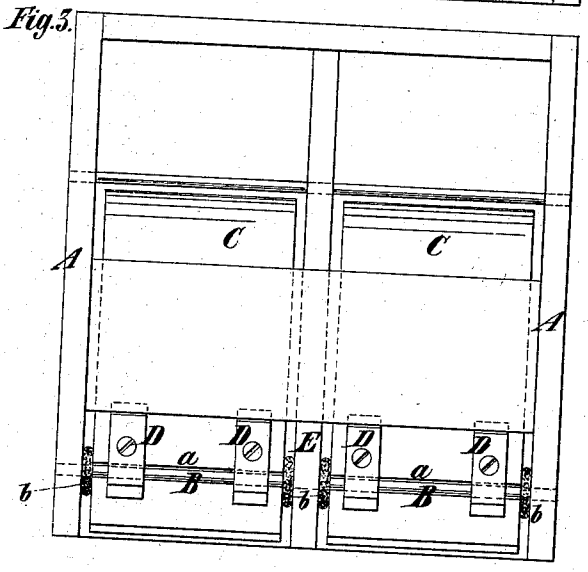
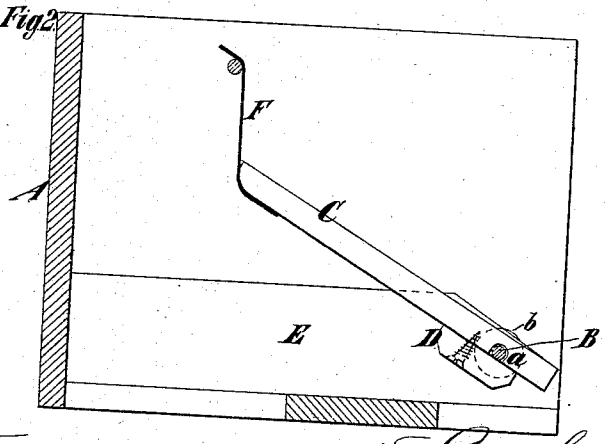


Fig. 2.



WITNESSES

H. Keane

Geo. H. Bott

INVENTOR

Lewis C. Clark

By his attorney

Edwin H. Brown.

N. PETERS. Photo-Lithographer. Washington, D. C.

UNITED STATES PATENT OFFICE.

LEWIS C. CLARK, OF WORCESTER, MASSACHUSETTS, ASSIGNOR TO ANDREW H. HAMMOND, OF SAME PLACE.

PEDAL.

SPECIFICATION forming part Letters of Patent No. 263,858, dated September 5, 1882.

Application filed September 15, 1881. (No model.)

To all whom it may concern:

Be it known that I, LEWIS C. CLARK, of Worcester, in the county of Worcester and State of Massachusetts, have invented certain new and useful Improvements in Pedals for Organs and other Musical Instruments, of which the following is a specification.

The object of these improvements is to provide a simple, cheap, effective, and convenient fulcrum and support for pedals for organs and other musical instruments.

To this end the improvements consist in the frame or case of a musical instrument, having a straight shaft supported therein, a pedal provided in the under side with a transverse groove or recess fitting the shaft, and a button for fastening the pedal on the shaft, pivoted to the under side of the pedal, so that it is capable of swinging in a plane parallel therewith, all being so combined and organized that the pedal may rock on the shaft and the button may be turned to release the pedal from the shaft.

The improvements also consist in the combination, with the case or frame of a musical instrument, of a shaft supported thereby, pedals provided in the under side with transverse grooves or recesses fitting said shaft, a partition separating the pedals and aiding in retaining them laterally in place, and buttons for fastening the pedals to the shaft, pivoted to the under side of the pedals, so that they are capable of swinging in planes parallel therewith.

In the accompanying drawings, Figure 1 is a front view of the portion of the frame or case of an organ or other musical instrument and pedals and appurtenances embodying my improvements. Figure 2 is a section through the same and through one of the pedals and appurtenances, and Fig. 3 is an inverted plan thereof.

Similar letters of reference designate corresponding parts in all the figures.

A designates a part of the frame or case of an organ or other musical instrument, and B designates a shaft supported in the same.

C designates the pedals. They may be made of wood or other suitable material, and of any approved style. On the under side they are provided with transverse grooves or recesses *a*, which enable them to fit upon the shaft B and be retained against longitudinal displacement.

D designates buttons, which are pivoted to the under side of the pedals near the grooves or recesses *a*, and may be swung or turned in a plane parallel with the pedal, so as to cross the same below the shaft B. By turning the buttons away from the shaft either or both pedals may be lifted off. The pedal or pedals so removed may be reattached by placing it or them on the shaft and turning the buttons across the shaft, and the pedals may then rock freely on the shaft without danger of their becoming accidentally displaced.

E designates a partition or bearer through which the shaft B passes, and in which it is supported between its ends. As shown, this partition or bearer extends between the pedals and aids in retaining them laterally in place.

Washers *b*, of felt or other suitable soft material, may be interposed between the pedals C, the frame or case A, and the partition or bearer E, to obviate scratching or squeaking.

F designates devices whereby the pedals are connected at the inner or upper end with the devices which they are to operate. As shown, they consist of flexible straps, which may be connected with the movable boards of bellows.

It will be seen that by my invention I provide a very simple, cheap, and effective support for pedals for organs and other musical instruments.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. The frame or case of a musical instrument, having a straight shaft supported therein, a pedal provided on the under side with a transverse groove or recess fitting the shaft, and a button for fastening the pedal on the shaft, pivoted to the under side of the pedal, so that it is capable of swinging in a plane parallel therewith, all being so combined and organized that the pedal may rock on the shaft and the button may be turned to release the pedal from the shaft, substantially as specified.

2. The combination, with the case or frame

of a musical instrument, of a shaft supported thereby, pedals provided in the under side with grooves or recesses fitting said shaft, a partition separating the pedals and aiding in retaining them laterally in place, and buttons for fastening the pedals to the shaft, pivoted to the under side of the pedals, so that they are capable of swinging in planes parallel therewith, substantially as specified.

LEWIS C. CLARK.

Witnesses:
DAVID MANNING, Jr.,
JOHN B. RATIGAN.