

C. F. JONES.
 PEDAL FOR PIANO PLAYERS.
 APPLICATION FILED OCT. 19, 1908.

925,192.

Patented June 15, 1909.

Fig. 1

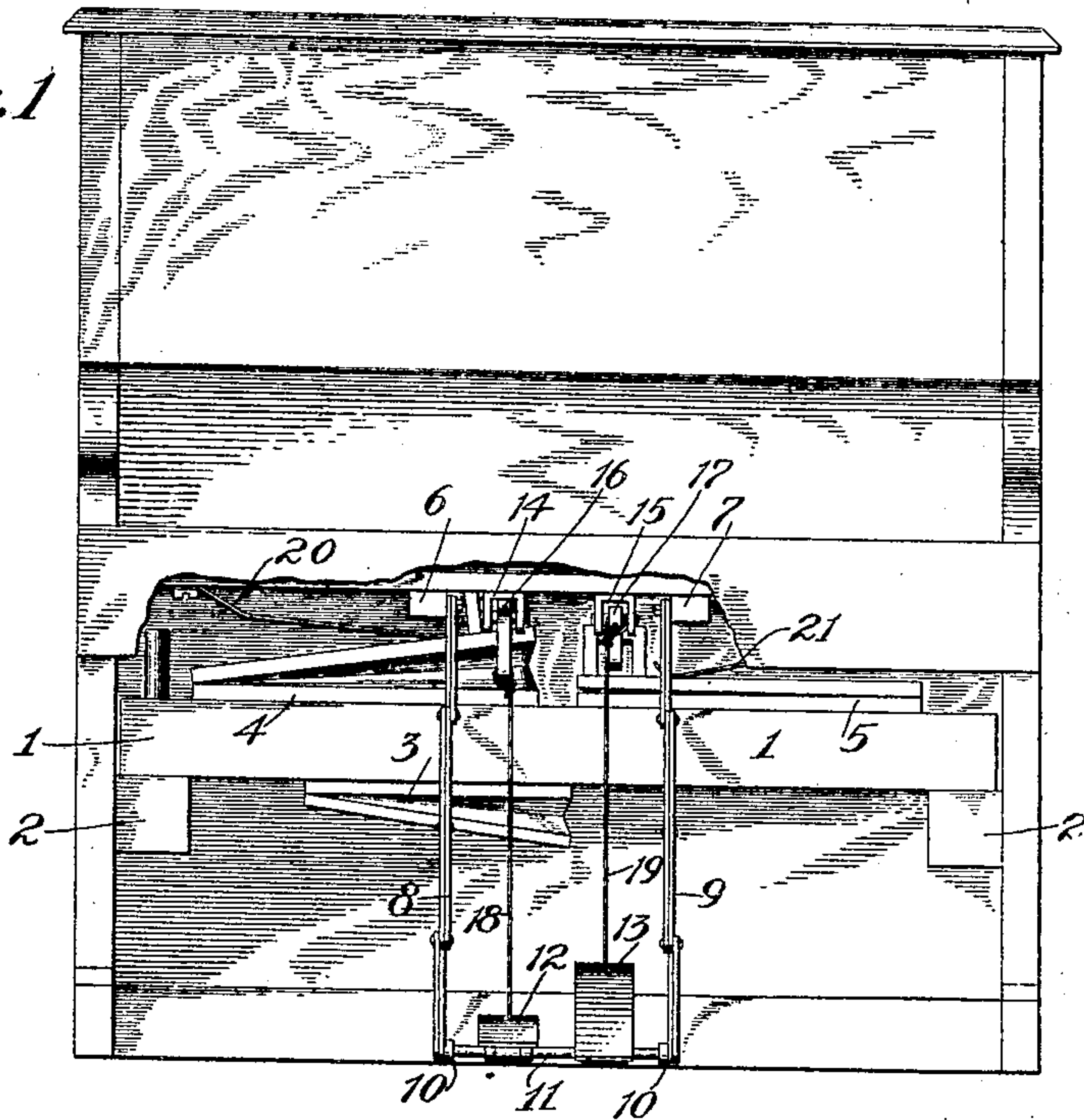
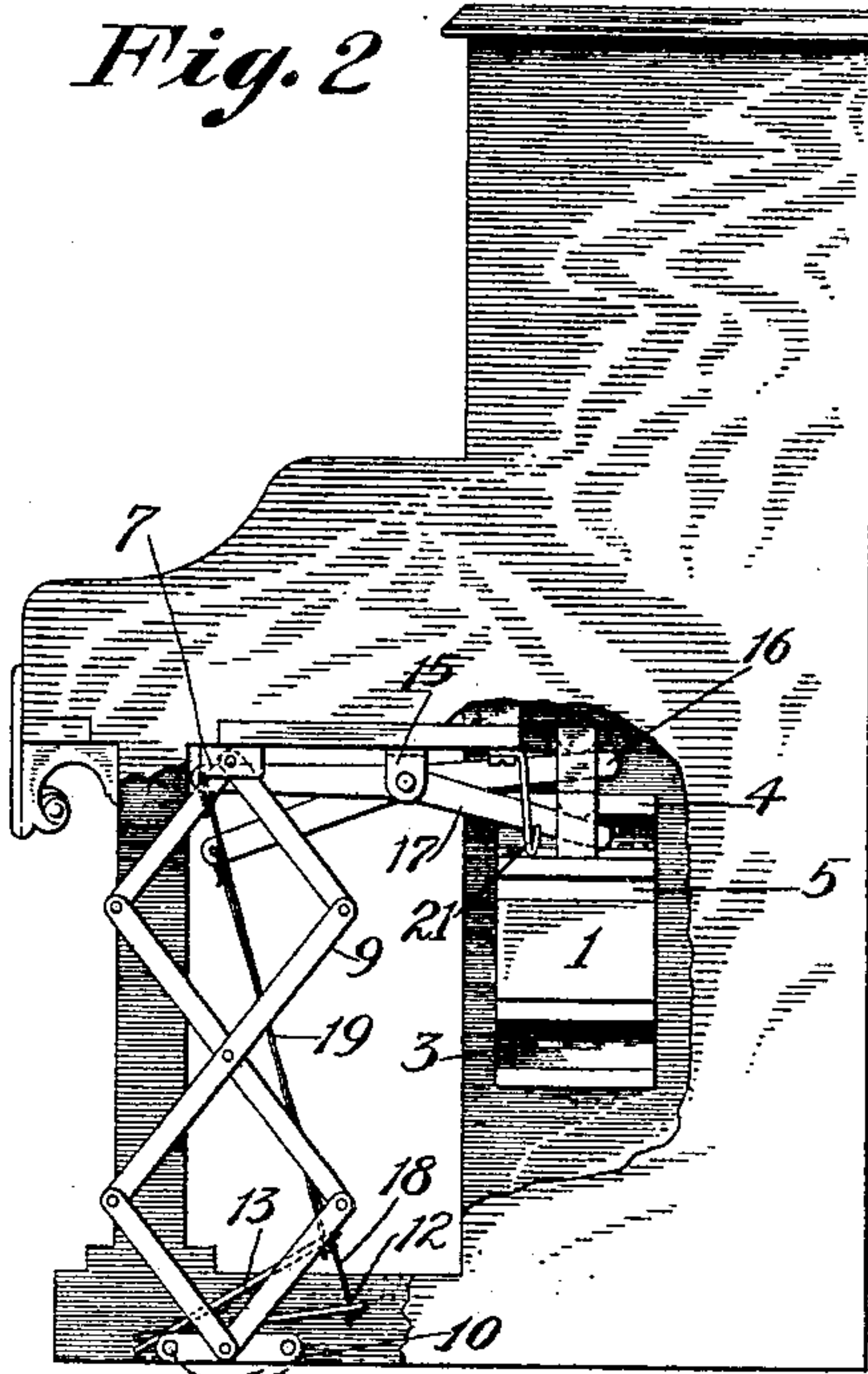
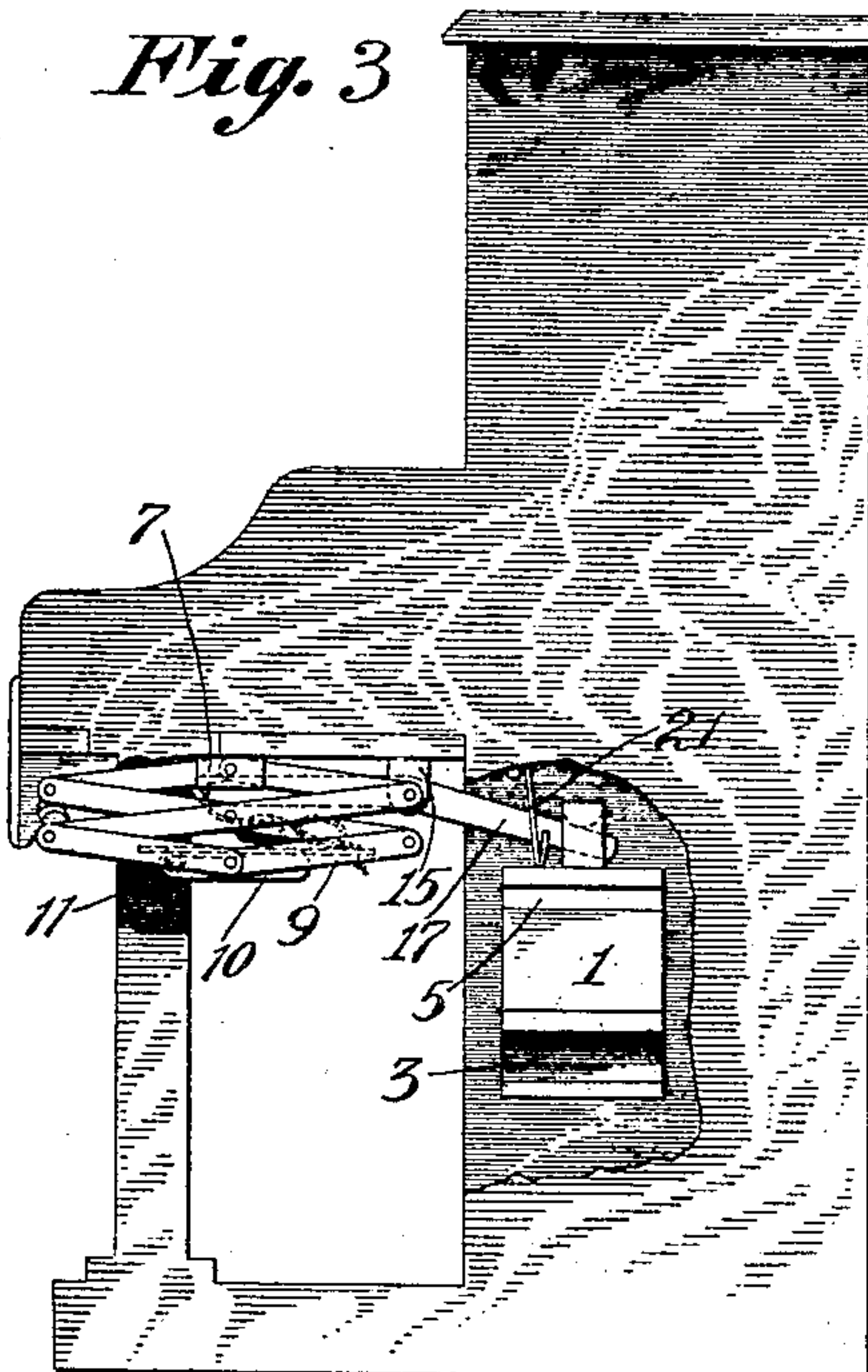


Fig. 2



Witnesses:
A. C. Bridge.
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Fig. 3



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UNITED STATES PATENT OFFICE.

CYRUS F. JONES, OF OREGON, ILLINOIS.

PEDAL FOR PIANO-PLAYERS.

No. 925,192.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, CYRUS F. JONES, a citizen of the United States, residing at Oregon, in the county of Ogle and State of Illinois, have invented certain new and useful Improvements in Pedals for Piano-Players, of which the following is a specification.

The object of this invention is to provide an extensible pedal support for piano players in order that when it is not in use it can be folded beneath the key board.

In the accompanying drawings, Figure 1 is a front elevation of a piano showing my improved pedal support in connection therewith. Fig. 2 is an end elevation in which the pedal support is in position for use. Fig. 3 is an end elevation in which the pedal support is folded beneath the key board.

In piano players which are attached to a piano without interfering with the ordinary use of the piano, it is desirable to remove from sight all evidence of the pedal action of the piano player when the player is not in use. This I accomplish by supporting the pedals in a collapsible frame which will fold beneath the key board when not in use.

The piano shown in the drawings is of the usual construction. Within the case of the piano is secured a vacuum bar 1 by the brackets 2. To the underface of this vacuum bar 1 is secured a bellows 3, and to the upperface of the vacuum bar are secured two bellows 4 and 5. To the blocks 6 and 7 are pivotally secured lazy tongs 8 and 9 respectively. The lower ends of the lazy tongs are connected by the end bars 10 which are connected by the rods 11. To one of the rods 11 are pivotally connected two pedals 12 and 13. To the under face of the key board are secured two brackets 14 and 15. To the bracket 14 is pivotally connected a rocker arm 16, and to the bracket 15 is pivotally connected a rocker arm 17. One end of the rocker arm 16 has a connection with the bellows 4, and one arm of the rocker arm 17 has a connection with the bellows 5. A flexible band 18 connects the pedal 12 with the other end of the rocker arm 16 and a flexible band 19 connects the pedal 13 with the other end of the rocker

arm 17. A spring 20 serves to hold the bellows 4 collapsed and a spring 21 serves to hold the bellows 5 collapsed.

When the piano player is not in use, the pedals 12 and 13 are elevated and held beneath the key board as shown in Fig. 3.

When the piano player is in use, the pedals are dropped into the positions shown at Figs. 1 and 2. The flexible bands 18 and 19 permit the folding of the lazy tongs 8 and 9 beneath the key board. When the pedals are in position for use, they may be rocked on the pivotal connection with one of the rods 11 and through the flexible bands 18 and 19 the rocker bars 16 and 17 are rocked, which will extend the bellows 4 and 5 thereby exhausting air from the vacuum bar 1. The springs 20 and 21 will collapse the bellows 4 and 5 and rock the pedals 12 and 13.

By the employment of the lazy tongs 8 and 9, the end bar 10 and ends 11 supporting the pedals 12 and 13 may be moved inward toward the base of the piano, or outward away from the base thereof which will allow the operator to occupy the position best suited to his make up. When the pedals are in their elevated position they will be practically out of sight, thereby leaving the ordinary pedals of the piano free to be operated in the usual manner.

I claim as my invention.

1. In a piano, the combination of a key board, suitable bellows, pedals for operating the bellows, and foldable connections between the pedals and the underside of the key-board whereby the pedals can be raised beneath the key-board.

2. In a piano, the combination of a key board, suitable bellows, pedals for operating the bellows, lazy tongs connecting the pedals and the piano case beneath the key-board, and flexible connections between the pedals and bellows.

3. In a piano, the combination of a key board, suitable bellows, pedals for operating the bellows, foldable connections between the pedals and the underside of the key board, a bar for each bellows pivoted on a transverse pivot, connections between the

pedals and one end of the bars, and connections between the other ends of the bars and the bellows.

4. In a piano, the combination of a key
5 board, suitable bellows, pedals for operating
the bellows, foldable connections between
the pedals and the underside of the key
board, a bar for each bellows pivoted on a
transverse pivot, flexible connections be-
10 tween the pedals and one end of the bars, and

connections between the other ends of the bars and the bellows.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

CYRUS F. JONES.

Witnesses:

H. H. TODD,

GLENN EDELMAN.