

(No Model.)

F. H. & J. G. BUFE.

ACCORDION.

No. 365,501.

Patented June 28, 1887.

Fig. 1.

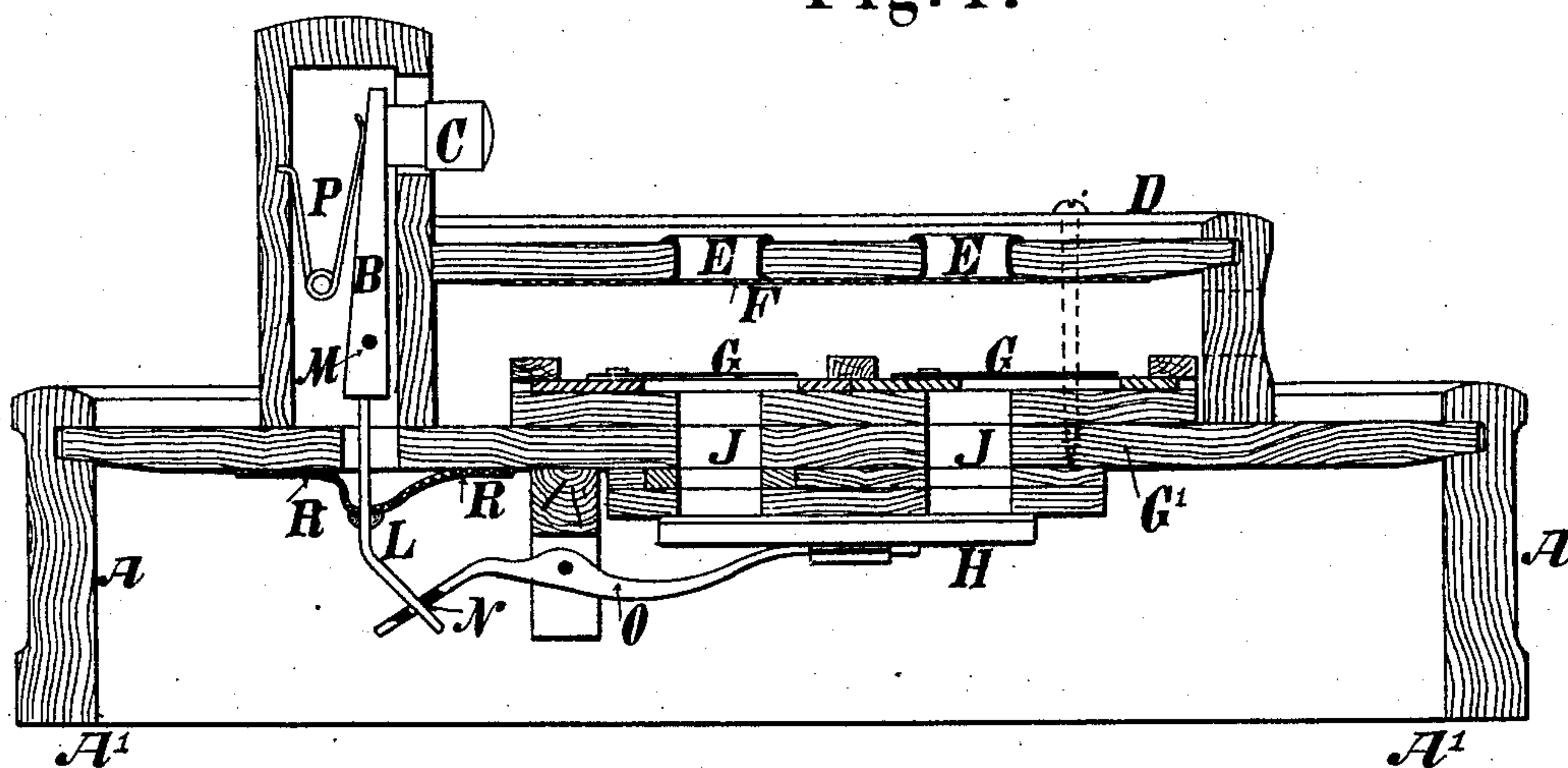
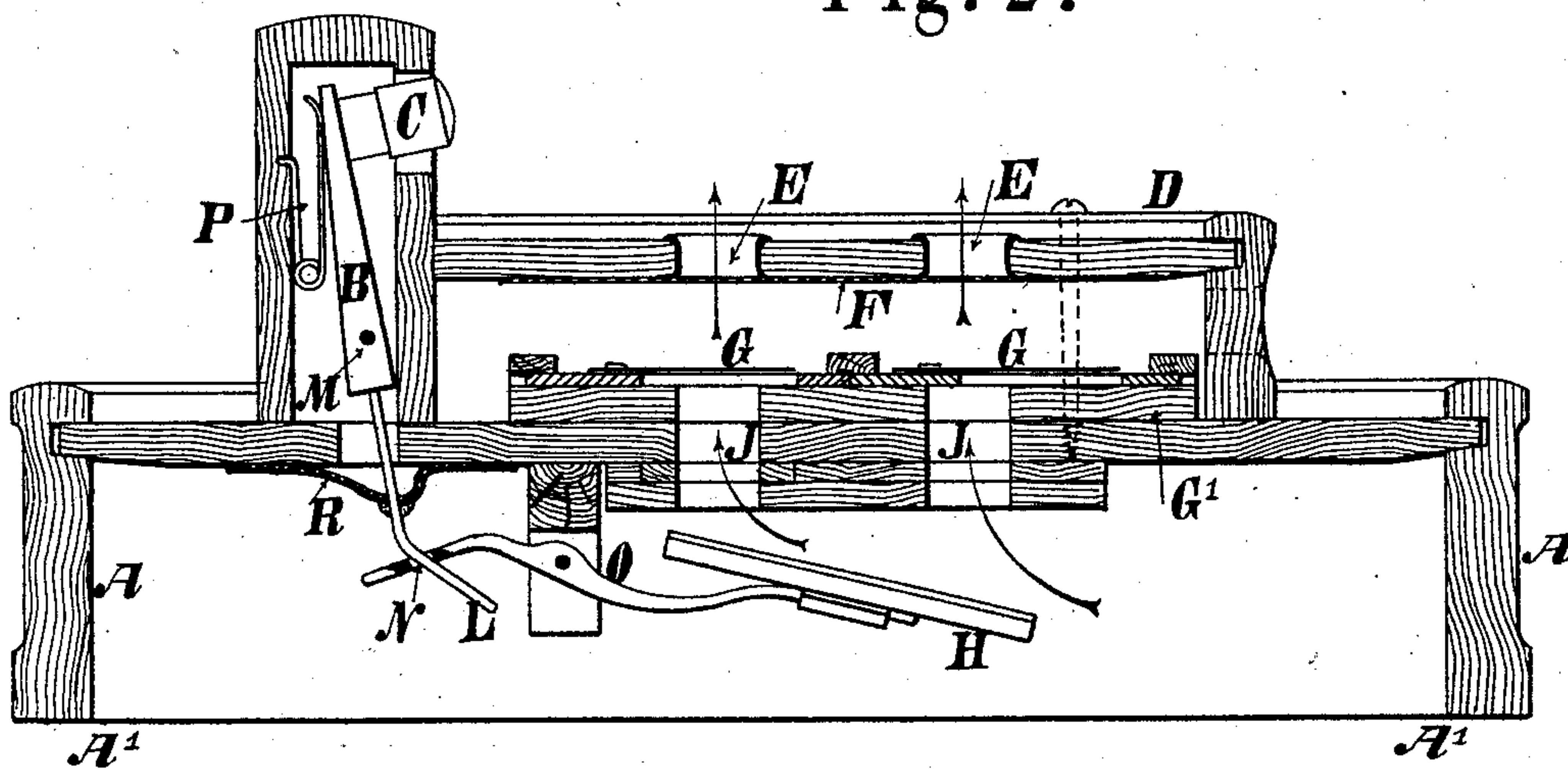


Fig. 2.



Witnesses:
Robert Roy,
Alfred Longhman.

Inventors:
F. H. Bufe &
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by their attorneys
Rocher & Wicks

UNITED STATES PATENT OFFICE.

FRANZ HEINRICH BUFE AND JOHANN GOTTFRIED BUFE, OF GERA-
UNTERMHAUS, REUSS JÜNGERE LINIE, GERMANY.

ACCORDION.

SPECIFICATION forming part of Letters Patent No. 365,501, dated June 28, 1887.

Application filed October 12, 1886. Serial No. 215,987. (No model.)

To all whom it may concern:

Be it known that we, FRANZ HEINRICH BUFE and JOHANN GOTTFRIED BUFE, citizens of the Principality of Reuss jüngere Linie, Germany, residing in Gera - Untermhaus, in the said Principality of Reuss jüngere Linie, have invented certain new and useful Improvements in Harmonicas and Similar Musical Instruments, of which the following is a specification.

This invention relates to an improvement in harmonicas, accordions, and like musical instruments that produce the sound by forcing air against metallic tongues. These tongues are in our device not located inside of the bellows, but are placed upon the upper side of the sound-board, whereby the sound is free to escape full and without hinderance.

In the accompanying drawings, Figure 1 represents a section through the sound-board of our improved harmonica in its normal position. Fig. 2 is a similar section showing the valve open.

A is the sound-box, to the lower end, A', of which is fitted a bellows, in the ordinary manner.

B is a key provided with knob C. The protecting-cover D has the openings E, which are covered on their under side with gauze F. On the upper and outer side of the sound-board G' are applied the metallic tongues G, which, on opening valve H, produce the tone when air is forced through the channels J from the bellows. Each of the valves H is operated by

pressing knob C, which will oscillate key B on pivot M, against the action of a spring, P. To key B there is attached a bent wire, L, that engages a slot, N, of lever O, to which the valve H is attached. Thus the lever O will, on being oscillated, cause the valve H to open, Fig. 2. On releasing knob C the channel J will be closed by the valve H under the influence of spring P, which will force the key B and the knob C back into their normal position.

R is an elastic packing, of rubber, leather, or of similar material, around wire L.

We claim as our invention—

1. In a harmonica or accordion, the combination of sound-box A and sound-board G', with the tongues G affixed to the outer and upper side of said sound-board, and with the valves H, perforated cover D, and gauze F, substantially as specified.

2. In a harmonica or accordion, the combination of sound-box A and sound-board G', with tongues G, keys B, knobs C, springs P, wire L, lever O, and packing R, substantially as specified.

In testimony whereof we hereunto sign our names, in the presence of two subscribing witnesses, this 24th day of September, 1886.

FRANZ HEINRICH BUFE.
JOHANN GOTTFRIED BUFE.

Witnesses:

FRIDRICH ERNST SCHEIBE,
FRIEDRICH WILHELM ZIEGLER.