

N<sup>o</sup> 3503



A.D. 1905

Date of Application, 20th Feb., 1905—Accepted, 20th Apr., 1905

COMPLETE SPECIFICATION.

“Improvements in Cases for Sound Recording and Reproducing Apparatus”

I, Dr. FRIEDRICH ADOLF RICHTER, of Rudolstadt, Principality of Schwarzburg-Rudolstadt, in the Empire of Germany, Manufacturer, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

5 Talking machines or phonographs as at present constructed are for the most part exceedingly cumbersome, owing to the presence of a trumpet of very considerable length for the purpose of conducting the sounds. This proves a matter of serious inconvenience, especially when the machines have to be stocked in shops or warehouses, or are to be packed for transit.

10 The present invention has for its object the provision of means for doing away with said inconvenience and the invention essentially consists in the arrangement of the parts constituting the machine so as to allow of being assembled in the casing or box containing the driving mechanism, said case or box being especially adapted to contain the entire driving mechanism, 15 trumpet and other attachments compactly arranged together. The handy form of trumpet which it is proposed to accommodate in such case, however, does not in itself form a part of the present invention.

Several forms of phonograph case according to this invention are shown in the accompanying drawings.

20 Figure 1 is a vertical section of one form of case, having a chamber in the cover or lid for the reception of the driving mechanism.

Figure 2 is a like view of a slight modification of this construction of case.

25 Figure 3 is a like view of a similar form of case, with a chamber at the top plate for the reception of the driving mechanism, the lid being located at the side.

Figure 4 is a perspective view of a case having an inner hinged cover in addition to the actual outer lid.

30 Figure 5 is another perspective view of the last mentioned case, a portion of one of the side walls being broken away to display the trumpet and other attachments and mechanism within.

Figure 6 is a vertical section of a case similar to that in Figure 3, one side of which is constructed to pull out like a drawer.

35 Referring to the construction of case shown in Figure 1, the hinged lid A of the case B presents a chamber *a* adapted to receive a clockwork spring motor or like driving mechanism, whilst the chamber *b* remains almost wholly vacant for the disposal of the trumpet and the other attachments. Ready access can be had to the chamber *b* by simply turning back the lid A.

40 The construction shown in Figure 2 varies from that just described only in so far that the chamber *a* for the driving mechanism is provided below the lid A, so that it projects into the chamber *b*. There are, however, no parts, such as disengaging device or regulating screw, to obstruct ready opening of the lid A.

[Price 8d.]



*Improvements in Cases for Sound Recording and Reproducing Apparatus.*

In the construction illustrated in Figure 3, the top A of the case B is provided on the bottom with a chamber *a* as in the case of Figure 2, but it is stationary, access being had to the chamber *b* at the side *b*<sup>1</sup>, which is hinged for this purpose.

Referring to Figures 4 and 5, the trumpet *c* and the driving mechanism *d* 5 are located in the chamber *b*, and are protected by a plate *b*<sup>2</sup> and hinged flap or cover *b*<sup>3</sup>, which plate and flap, again, are covered by the actual lid A of the case B. Access to the chamber *b* is had by opening both the lid A and cover *b*<sup>3</sup>. With a view to attaining maximum compactness, the trumpet *c* may be located partly below the driving mechanism *d*, which for this purpose 10 is mounted on elevated bars *e*.

In the case shown in Figure 6, the driving mechanism is contained in a chamber *a* below a fixed top A, as in Figure 3, but the attachments are located in a drawer *b*<sup>4</sup>, secured to the wall *b*<sup>5</sup> of the case B. By pulling out the side *b*<sup>5</sup> 15 immediate access can be had to the contents of the drawer.

It must be clearly understood that the invention is not restricted to any one definite construction of phonograph case or box. On the contrary, my invention is applicable to any form of case, whether, for instance, of the design enclosing all the various attachments and mechanism as shown in Figures 4 and 5; or of the more modern design illustrated in Figures 1—3 and 6, in 20 which the top or lid is penetrated by the shaft for the record plate *f* mounted above the case.

Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed, I declare that what I claim is:— 25

1. A talking machine having a case adapted to contain not only the driving mechanism, but also attachments and parts such as the trumpet, record plates, and the like which, when the apparatus is not working, can be removed and kept in it, substantially as described.

2. A talking machine, having a case as claimed in Claim 1, with a hinged 30 lid presenting a chamber adapted to contain the driving mechanism, so that the interior of the case itself is left vacant for the disposal of the attachments, substantially as described.

3. A talking machine having a case as claimed in Claim 1, with a hinged lid which carries the driving mechanism, so that the greater portion of the 35 interior of the case itself is left vacant for the disposal of the attachments, whilst no obstruction is offered to opening of the lid, substantially as described.

4. A talking machine having a case as claimed in Claim 1, one side wall of which opens to admit of access to the interior of the case, in which the attachments are located, substantially as described. 40

5. A talking machine with a case as claimed in Claim 1, having, in addition to the actual lid, an inner hinged cover, by opening which access can be had to the interior of the case, in which the driving mechanism and attachments are located, substantially as described.

6. A talking machine with a case as claimed in Claim 1, one wall of which 45 is attached to a box for the reception of the attachments and pulls out in the manner of a drawer, substantially as described.

Dated this 20th day of February 1905.

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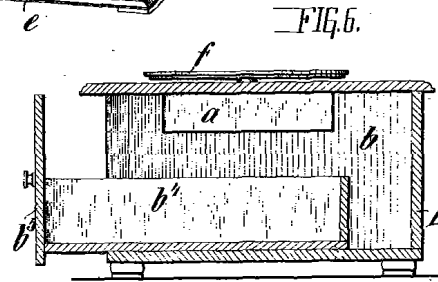
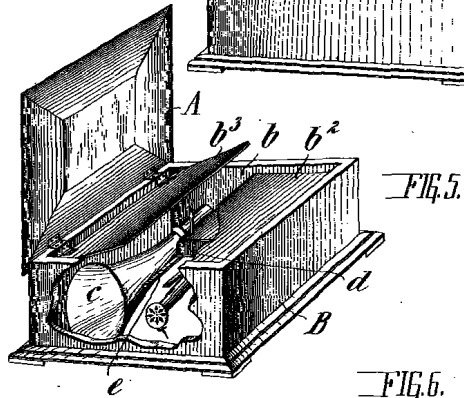
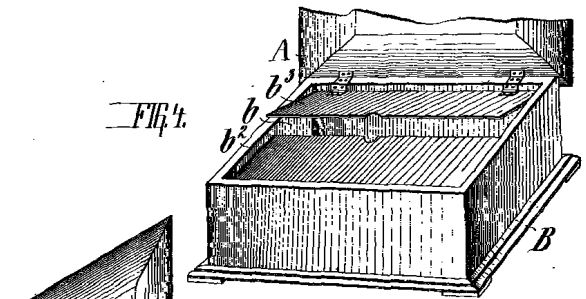
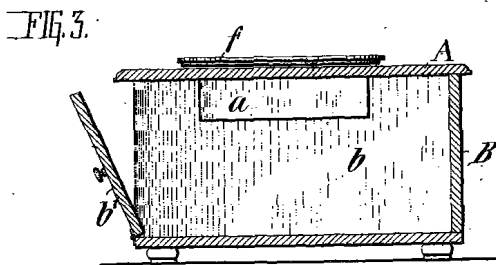
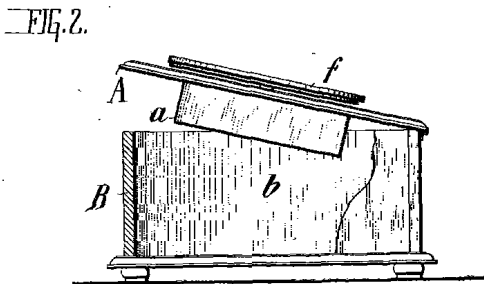
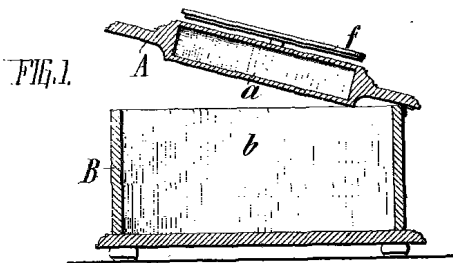


FIG. 1.

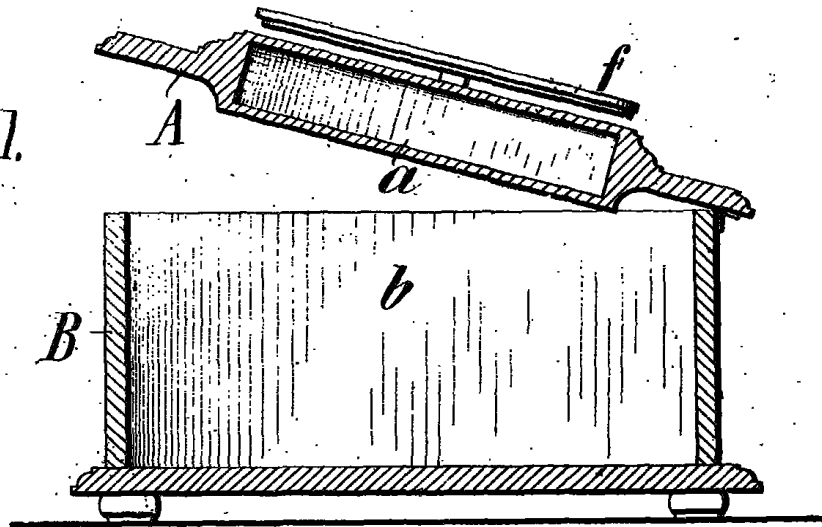


FIG. 2.

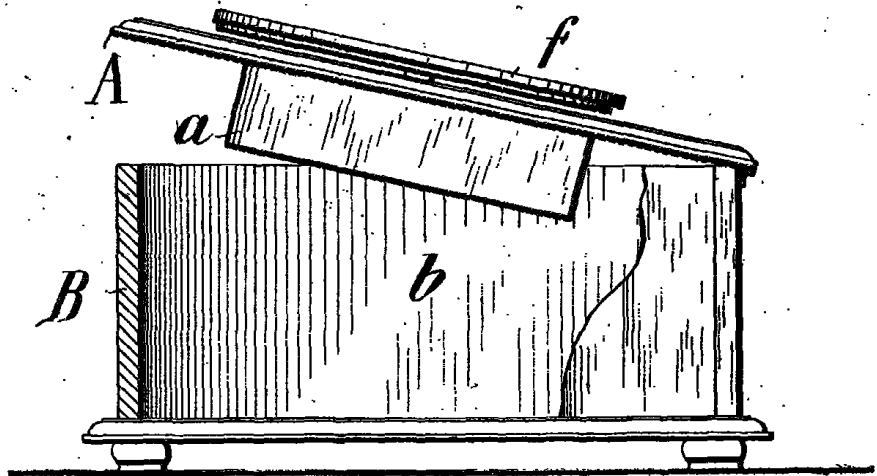


FIG. 3.

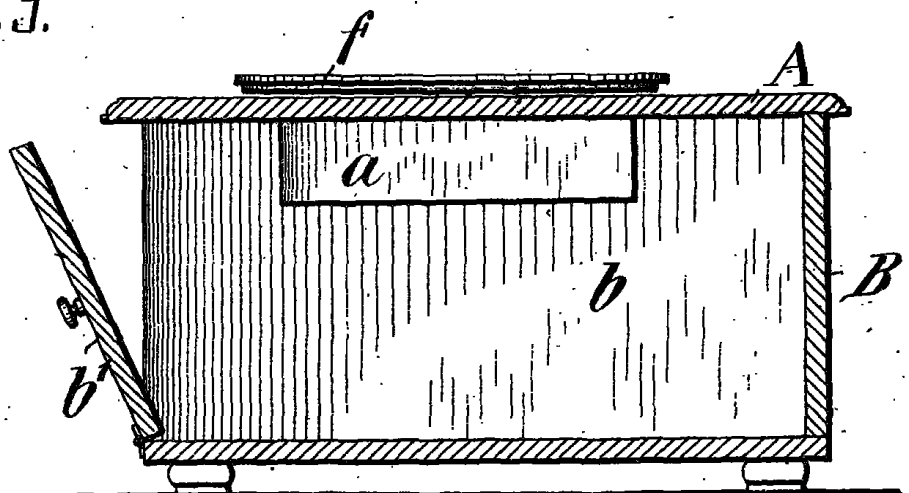


FIG. 4.

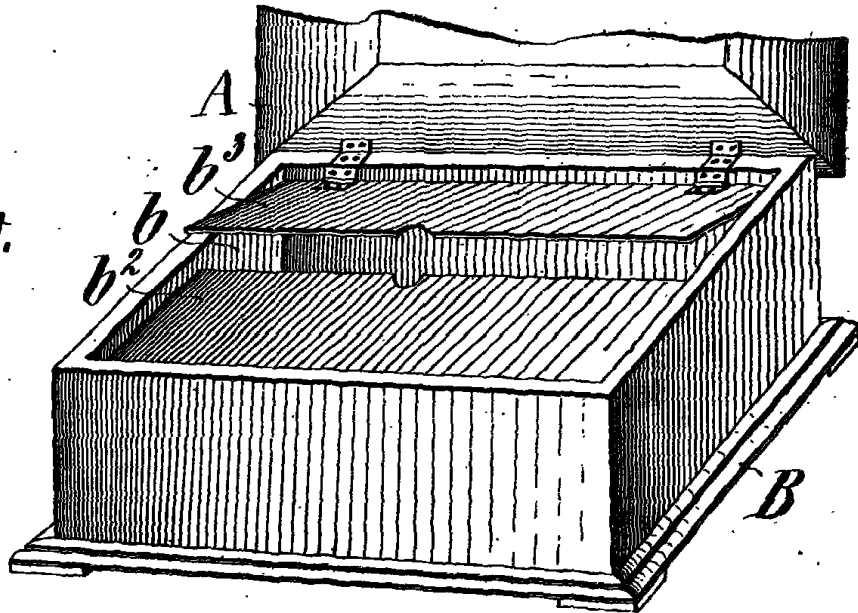


FIG. 5.

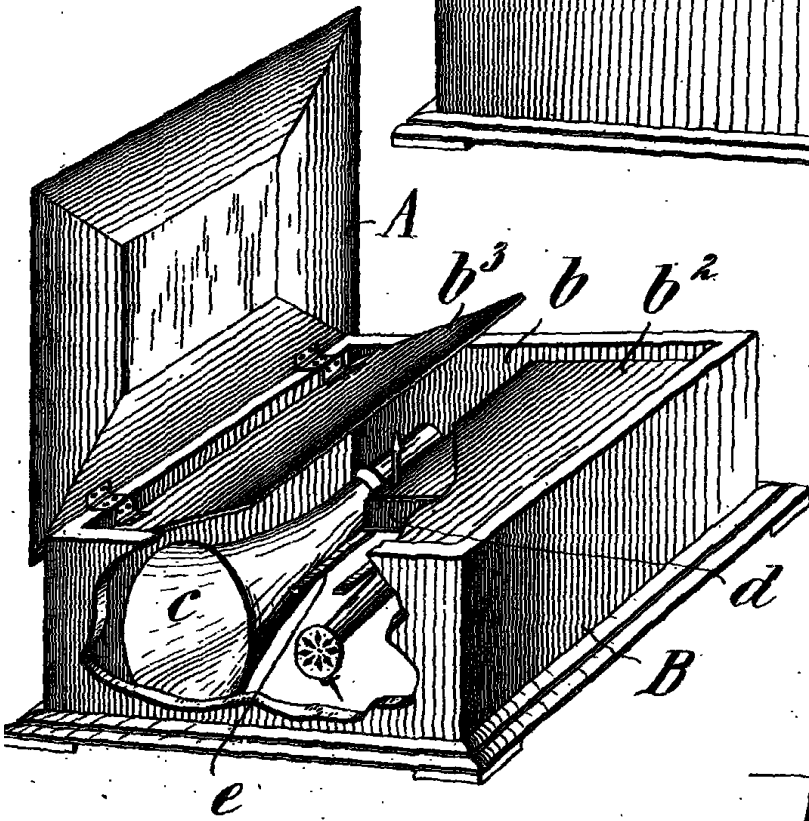
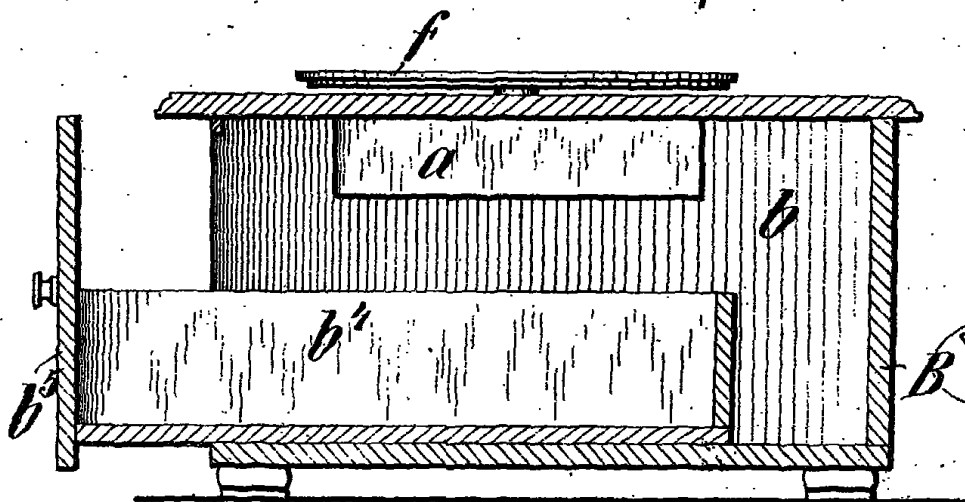


FIG. 6.



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