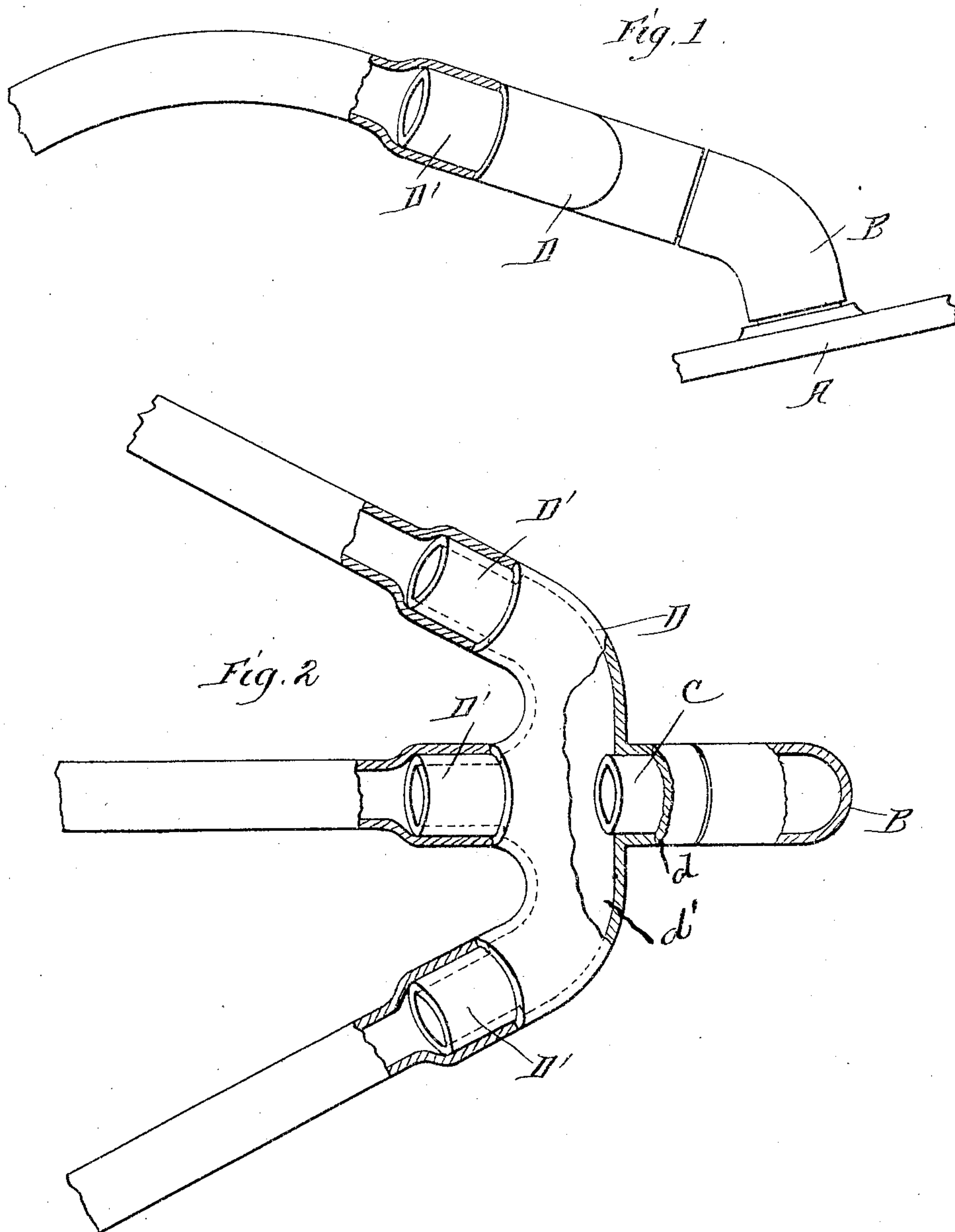


No. 780,171.

PATENTED JAN. 17, 1905.

F. C. HASSETT.  
ATTACHMENT FOR TALKING MACHINES.  
APPLICATION FILED JUNE 30, 1903.



Witnesses:

Louis D. Heinrichs  
L. H. Morrison

Inventor  
Frank C. Hassett.

By *W. J. Williamson*  
Att'y.

# UNITED STATES PATENT OFFICE.

FRANK C. HASSETT, OF KELSO, WASHINGTON.

## ATTACHMENT FOR TALKING-MACHINES.

SPECIFICATION forming part of Letters Patent No. 780,171, dated January 17, 1905.

Application filed June 30, 1903. Serial No. 163,821.

*To all whom it may concern:*

Be it known that I, FRANK C. HASSETT, a citizen of the United States, residing at Kelso, county of Cowlitz, and State of Washington, have invented a certain new and useful Improvement in Attachments for Talking-Machines, of which the following is a specification.

My invention relates to a new and useful improvement in attachment for talking-machines, and has for its object to provide an attachment to be removably secured to the sound-box of a talking-machine having two or more branches to which two or more horns or tubes may be attached for conveying the sound to different portions of the room or to different persons.

With these ends in view this invention consists in the details of construction and combination of elements hereinafter set forth and then specifically designated by the claim.

In order that those skilled in the art to which this invention appertains may understand how to make and use the same, the construction and operation will now be described in detail, referring to the accompanying drawings, forming a part of this specification, in which—

Figure 1 is a side elevation of the attachment attached to a sound-box; Fig. 2, a plan view of the same, portions being broken away.

A represents the sound-box of the talking-machine. B is an elbow connected to the same, the forward end of this elbow being reduced, as shown at C.

D is the attachment, having a socket  $d$ , adapted to be slipped on the reduced portion of the elbow B. The elbow projects slightly within the elevated chamber  $d'$ , and the attachment D is provided with two or more branches, each of which terminates in the reduced portion  $D'$ , upon which the horns or tubes may be secured. The branches of the attachment D communicate with the elongated

chamber and extend out at angles from one another, so that when the horns are attached the sound may be thrown to different portions of the room, so that the whole audience can hear the machine distinctly.

This attachment will be of great advantage in giving entertainments to large audiences, as it has been observed that where only one large horn is used people sitting at the extreme of either side of the room cannot hear the machine distinctly, and in some cases not at all. With this attachment the branches may be formed at any angle, so that the sound can be thrown in all directions, and when the attachment is not desired to be used with horns tubes may be connected for conveying the sound to different persons.

Of course I do not wish to be limited to the exact construction here shown, as slight modifications could be made without departing from the spirit of my invention.

Having thus fully described my invention, what I claim as new and useful is—

In a talking-machine, an elbow having a reduced end and a shoulder at the junction of the main and reduced portions, an attachment having a curved rear wall terminating at each end in a branch, a socket projecting from the rear wall of the chamber fitting on the reduced portion of the elbow and the said elbow projecting into the chamber of the attachment, the inner wall of said elbow being uninterrupted from the sound-box to its discharging end, and a branch formed on the front wall of the attachment opposite the elbow, the end of all the branches being reduced, as and for the purpose described.

In testimony whereof I have hereunto affixed my signature in the presence of two subscribing witnesses.

FRANK C. HASSETT

Witnesses:

GEO. P. MILLAR,  
J. W. HALL.