

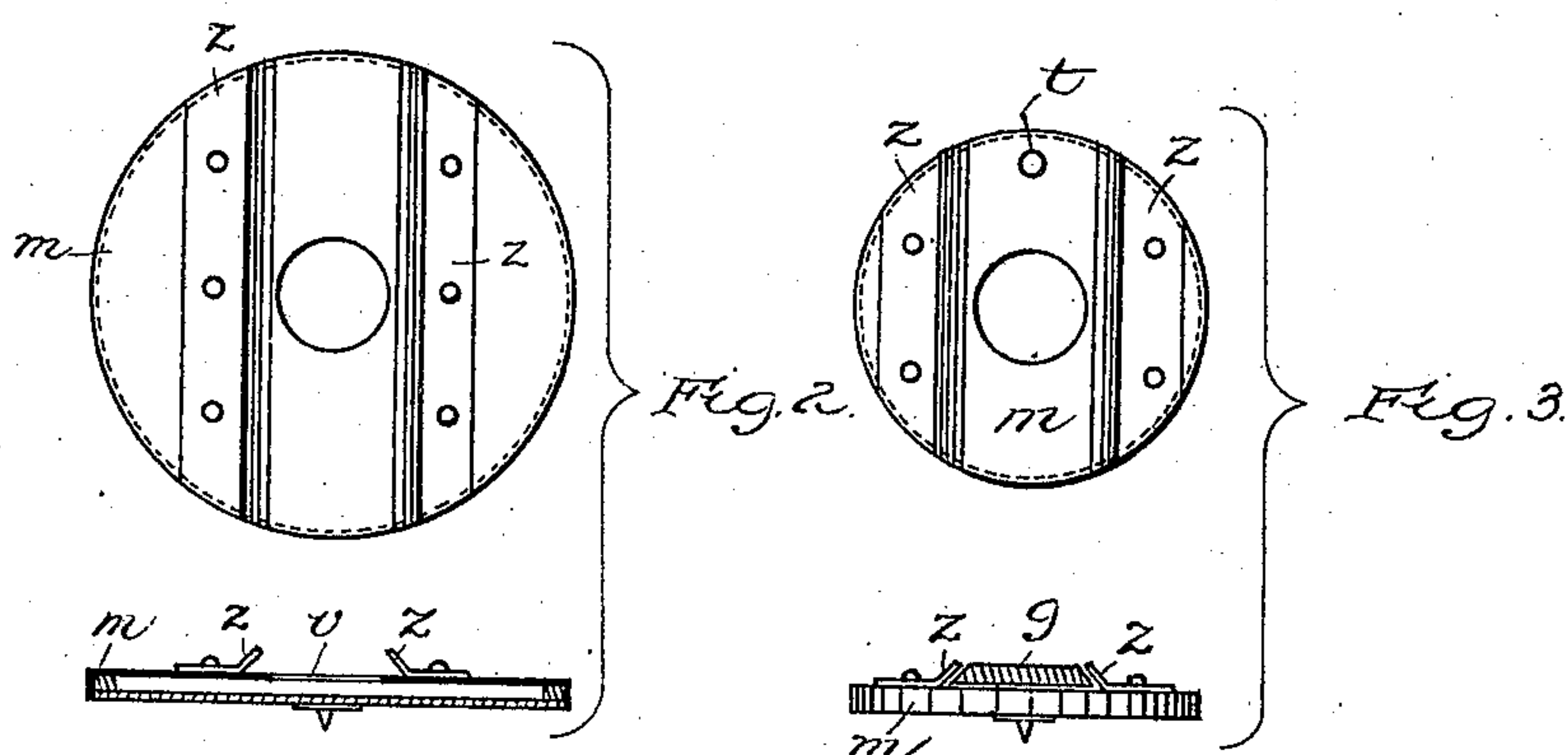
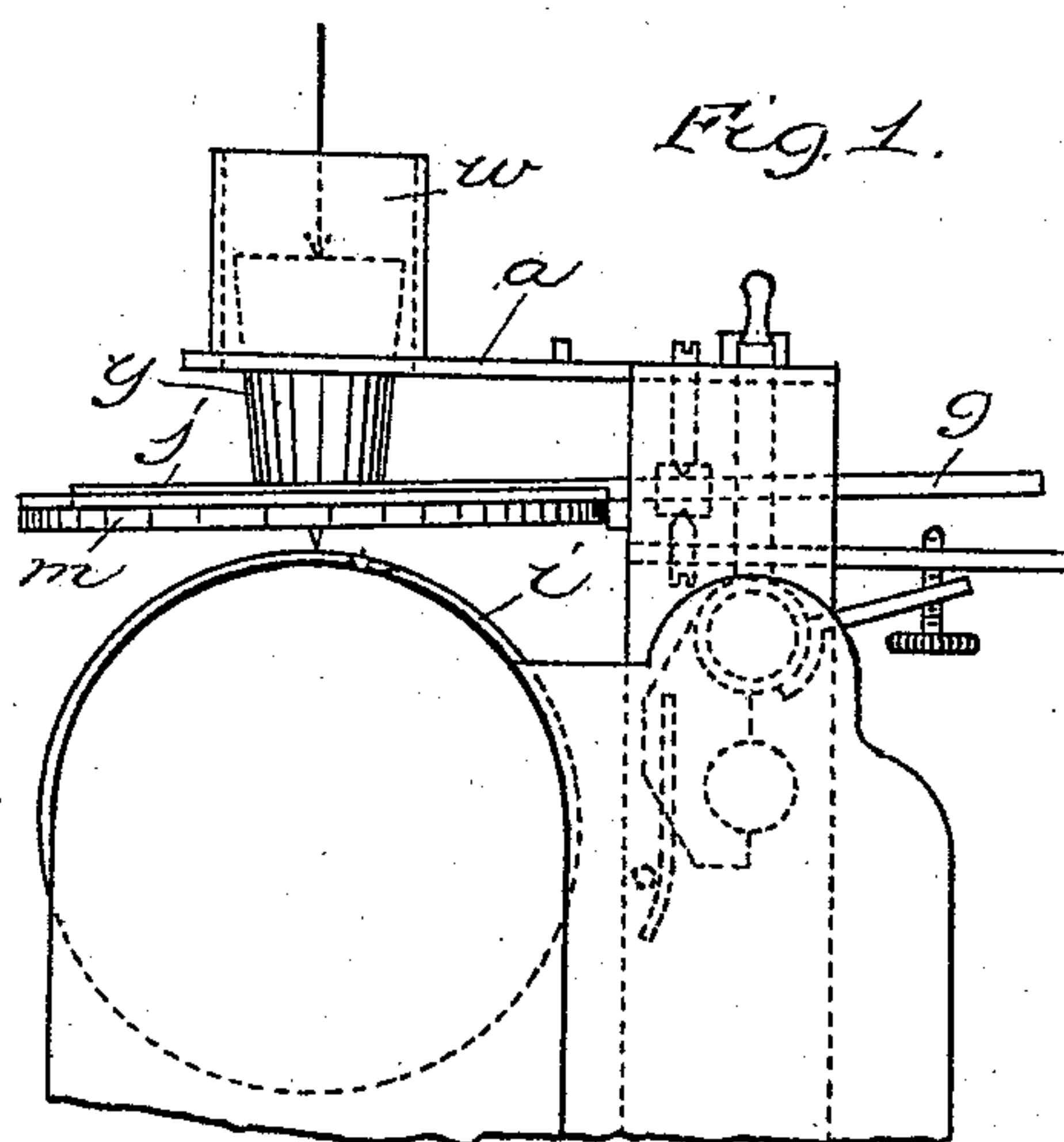
No. 688,965.

Patented Dec. 17, 1901.

W. PEISKER.
PHONOGRAPH.

(Application filed Jan. 9, 1901.)

(No Model.)



Witnesses:

E. B. Bolton

Commur

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UNITED STATES PATENT OFFICE.

WILHELM PEISKER, OF BERLIN, GERMANY.

PHONOGRAPH.

SPECIFICATION forming part of Letters Patent No. 688,965, dated December 17, 1901.

Application filed January 9, 1901. Serial No. 42,619. (No model.)

To all whom it may concern:

Be it known that I, WILHELM PEISKER, a subject of the Emperor of Germany, and a resident of Berlin, Germany, have invented certain new and useful Improvements in Phonographs, of which the following is a specification.

My invention relates to means for holding the diaphragm-frame in place; and it consists in the features and combinations of parts hereinafter described, and particularly pointed out in the claims.

The invention is illustrated in the accompanying drawings, in which—

Figure 1 is a side elevation; Fig. 2, a plan view of the diaphragm-frame; Fig. 2^a, a sectional view of the same; Figs. 3 and 3^a, similar views of a modification.

In Fig. 1 a tube-socket *w* is held by a feed-arm *a*. In the socket a shell or sound feeding tube *y* is arranged so as to permit up-and-down movement, and the lower extremity of said tube is journaled on a movable rail *g*. By means of this arrangement the sound jacks or diaphragms illustrated in Figs. 2 and 3 may be temporarily connected to or exchanged on the rail. In the diaphragm, as represented in Fig. 2, *m* is a frame, to the rear end of which two parallel clamps *Z Z* are connected. By the spring action of these clamps the frame *m* is held below the feeding system shown in Fig. 1 by its rear side.

Fig. 3 is illustrative of the structural principle whereby a coupling of the sound-box and the sound-transmission system is effected. In this case a pin *t* serves as a ledge for the frame *m*, so as to bring the sound-opening *v* into secure connection with the sound transmission or feed *y*.

Having now described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In combination with means for transmitting the sound, a diaphragm-frame having projecting spring-clamps on its rear side, and means for engaging the said clamps and holding the diaphragm in place, substantially as described.

2. A diaphragm-frame having means on its rear side to attach the same to a support said means having a sliding connection with its support, substantially as described.

3. In combination with a supporting-arm, a diaphragm-frame having the attaching-clamps and a stop *t* to position the diaphragm in relation to the arm, substantially as described.

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

WILHELM PEISKER.

Witnesses:

HENRY HASPER,
WOLDEMAR HAUPT.