

# Electrostatic MEMS Speaker

High sound quality and Anti-dust, water etc.

## Overview

As a acoustic speaker, a dynamic speaker using electromagnetic force (electrodynamic speaker) is used in many cases. In the dynamic speaker, as strong force is required, regarding a small speaker such as an earphone, in particular, the inertial force of the diaphragm is increased relatively, causing a problem of increased deviation between the electrical signal and the vibration.

An electrostatic speaker has been used to solve the foregoing problem. However, in the conventional electrostatic speakers, one or a plurality of holes is required to be formed at each fixed electrode in order to transmit an acoustic wave generated by the vibration of the diaphragm to the outside. **This causes a problem that dust, water, moisture, etc. are likely to come in.**

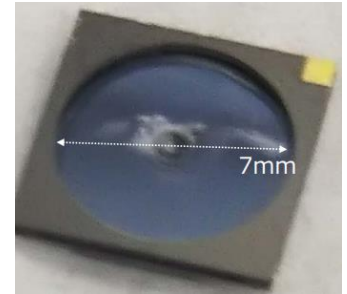
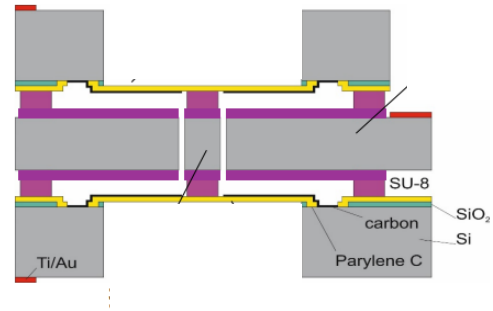
This invention solves mentioned problems by its new structure.

## Product Application

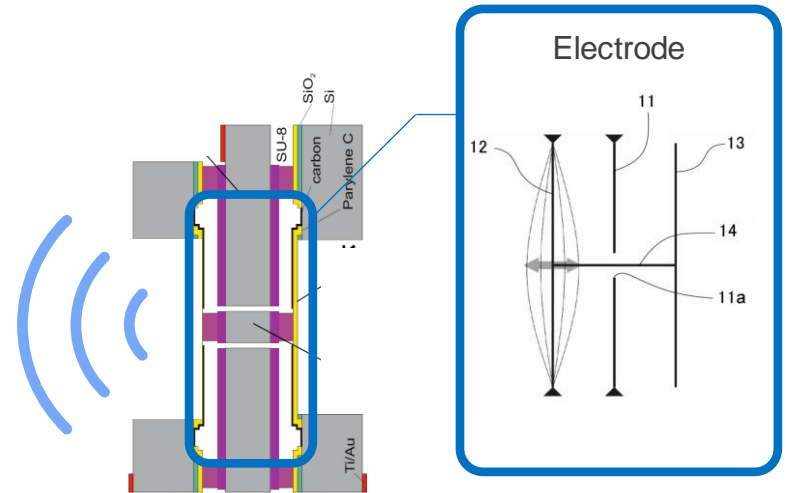
- Electrostatic Speaker

## IP Data

IP No. : WO2020/174524  
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 Admin No. : T17-099



## Completely-sealed structure from the outside



## Related Works

Please contact for detail. No public paper available.

## Contact

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