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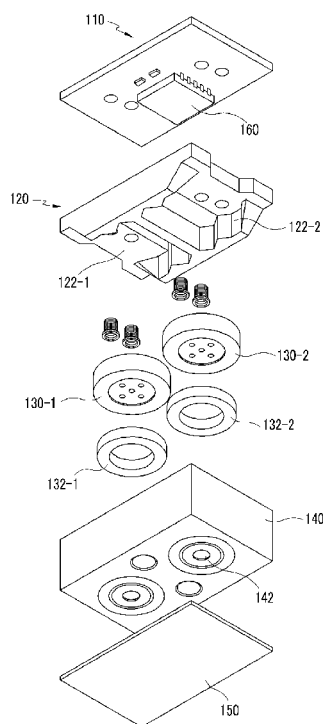
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(54) Title: A VARIABLE DIRECTIONAL MICROPHONE ASSEMBLY AND METHOD OF MAKING THE MICROPHONE ASSEMBLY

[Fig. 2]



(57) Abstract: Provided are a variable directional microphone assembly and a method of manufacturing the same, which can achieve miniaturization by mounting microphone devices in a compact structure with a microphone body, and reduce maintenance costs by transmitting a signal through contact using a coil spring for convenient replacement of the microphone device. The variable directional microphone assembly includes a printed circuit board including a connection terminal provided to a surface thereof, and a semiconductor integrated circuit device mounted to another surface thereof, a microphone body including a first mounting space for mounting the semiconductor integrated circuit device, two second mounting spaces, and a coil spring insertion hole, the first mounting space being provided to a surface of the microphone body, the second mounting spaces being provided to another surface of the microphone body, two microphone devices mounted to the second mounting spaces, the insertion hole allowing the microphone device to be in contact with the printed circuit board, a coil spring inserted into the coil spring insertion hole to electrically connect the microphone device to the printed circuit board, and a case including a sound hole in a bottom thereof and configured to fix an assembly by inserting the microphone body coupled with the microphone devices and the semiconductor integrated circuit device into the case and then curling the case.



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