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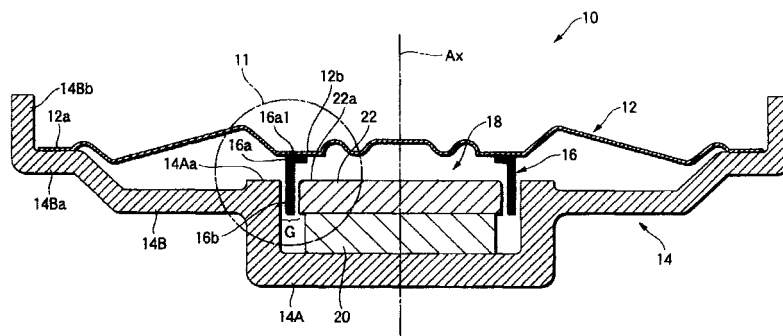
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(57) By forming a flange portion 16a1 protruding inward in the radial direction at an upper end portion 16a of a voice coil 16, a coiling sectional shape of the voice coil 16 is set to a L-shape. And, the upper end portion 16a of this voice coil 16 is bonded and fixed to a central flat portion 12b of a diaphragm 12. Hereby, by only increasing slightly the weight of the usual voice coil having an I-shaped coiling section, the large bonding area can

be obtained between the voice coil 16 and the diaphragm 12, so that separation of the voice coil 16 can be prevented. Further, since other portions of the voice coil 16 than the upper end portion 16a thereof have the usual coil thickness, it is not necessary to expand the width of a cylindrical magnetic gap G in a magnetic circuit unit 18, whereby it is prevented that electroacoustic conversion efficiency of a speaker 10 lowers.

FIG.1



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Place of search THE HAGUE		Date of completion of the search 6 November 2002	Examiner Fülöp, I
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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82