Inventor	Martin Lange, Jr.
	River Hills, Wis.
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Assignee	Koss Electronics, Inc.
_	Milwaukee, Wis.
	Continuation of application Ser. No.
	785,166, Dec. 19, 1968, now abandoned.
	This application Oct. 28, 1970, Ser. No.
	84,919
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ELECTRO	STATIC HEADPHONE
	2 Drawing Figs.
U.S. CL	
Int. Cl	
	arch
	PS, 111, 111 E; 325/492, 494
	- 5, 111, 111 L, 323/432, 434
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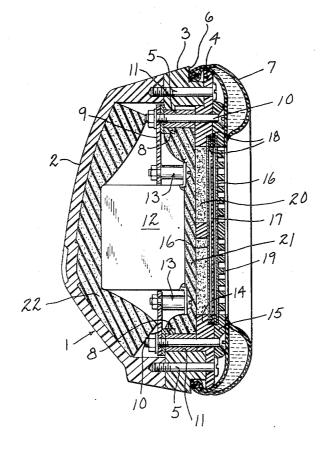
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Primary Examiner-Ralph D. Blakeslee Attorneys-Allan W. Leiser and Arthur H. Siedel

ABSTRACT: An electrostatic headphone speaker assembly includes a push-pull electrostatic driver operated off a coupling transformer, with the transformer secondary also supplying a polarizing circuit for the driver diaphragm. For enhanced operation there is a large resistance in the polarizing circuit to provide a long time constant, and the transformer leakage inductance is resonated with the driver input capacitance at 13 kHz.; and for a stereo headphone set with two transformers provided with ground jumpers, an isolation network is provided to decouple the transformer secondaries.



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