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**Diehl**

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(54) **INVERTED BUTTON CAP IN ACOUSTIC TRANSDUCER**

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(57)

**ABSTRACT**

An inverted button cap of an electroacoustic transducer has a diaphragm, a bobbin coupled to the diaphragm, and a dust cap supported by the bobbin and coupled to the diaphragm via the bobbin. The dust cap includes a concave surface that faces outwardly away from the bobbin. According to an example, an adhesive joint couples the diaphragm, dust cap, and the bobbin to provide a seal at the junction of the diaphragm and the bobbin. A convex surface of the dust cap, opposite the concave surface, extends into a cavity formed by the bobbin.

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**13 Claims, 2 Drawing Sheets**

