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XR 3,798,473
X 87966

United States

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[11] **3,798,473**

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[54] **POLYMER TYPE ELECTROACOUSTIC TRANSDUCER ELEMENT**

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[51] **Int. Cl.** **H01v 7/02,** H04r 17/00

[58] **Field of Search** ..... 310/8–8.3, 310/8.5, 8.6, 9.5, 9.6; 179/110.1 A; 252/62.9

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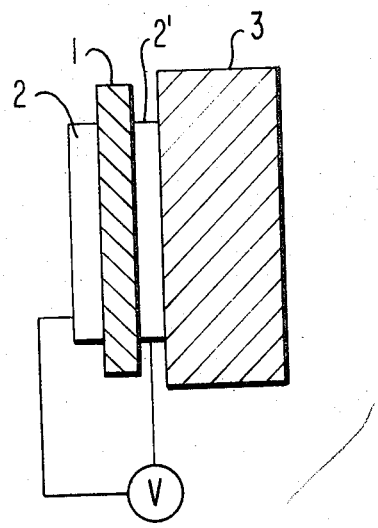
[57] **ABSTRACT**

A piezoelectric type electroacoustic transducer element having a high sensitivity in a high frequency region is composed of a piezoelectric polymer sheet having on one surface thereof a backing of a material having a larger elasticity (Young's Modulus) and mass than the elasticity and mass of the piezoelectric polymer sheet.

15 Claims, 3 Drawing Figures