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Bushko

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(54) **ELECTRO-ACOUSTIC TRANSDUCER WITH
RADIATING ACOUSTIC SEAL AND
STACKED MAGNETIC CIRCUIT ASSEMBLY**

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(58) **Field of Classification Search**
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See application file for complete search history.

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(57) **ABSTRACT**

An electro-acoustic transducer includes an accordion-type structure that functions as both an acoustic radiation element and an acoustic seal. In one example, the transducer includes parallel, accordion-type structures that attach to a flat, rectangular diaphragm. The diaphragm is connected to a voice coil. The voice coil and an associated frame are positioned between a magnet arrangement. The magnet arrangement includes stacked magnet pairs positioned between pole pieces to focus magnetic flux.

24 Claims, 9 Drawing Sheets

