



US005494468A

United States Patent [19]

[11] **Patent Number:** **5,494,468**

Demarco, Jr.

[45] **Date of Patent:** **Feb. 27, 1996**

- [54] **FLIPPER ENERGY SOURCE**
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- [21] **Appl. No.:** 382,306
- [22] **Filed:** Jan. 25, 1995
- [51] **Int. Cl.⁶** A63B 31/08
- [52] **U.S. Cl.** 441/64
- [58] **Field of Search** 310/319, 339, 310/328, 330-332, 800; 441/61-64; 114/315; 440/6

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[57] **ABSTRACT**

A flipper energy source for generating electricity includes a flipper or fin having an opening for engaging a foot and a body portion extending therefrom. The body portion includes fluid displacing surfaces which are adapted to be moved through the fluid for creating a propelling force via the movement. Such movement causes stress to be created on the surfaces of the body portion. The device further includes a piezoelectric element for converting the stress into electric power. The electric power thus generated is conditioned for use in powering electrical device(s), such as, for example, lighting, communications devices, battery rechargers, photography equipment and sonar transducers.

- [56] **References Cited**
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17 Claims, 1 Drawing Sheet

