United States Patent [19]

Man

[11] **Patent Number: 4,706,689**

[45] **Date of Patent: Nov. 17, 1987**

[54] **IMPLANTABLE HOMING DEVICE**

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[21] Appl. No.: **4,753**

[22] Filed: **Jan. 8, 1987**

Related U.S. Application Data

[63] Continuation of Ser. No. 792,935, Oct. 30, 1985, abandoned.

[51] **Int. Cl.**[4] **A61B 5/00**

[52] **U.S. Cl.** **128/903;** 340/539

[58] **Field of Search** ..... 128/1 R, 903, 904; 340/539

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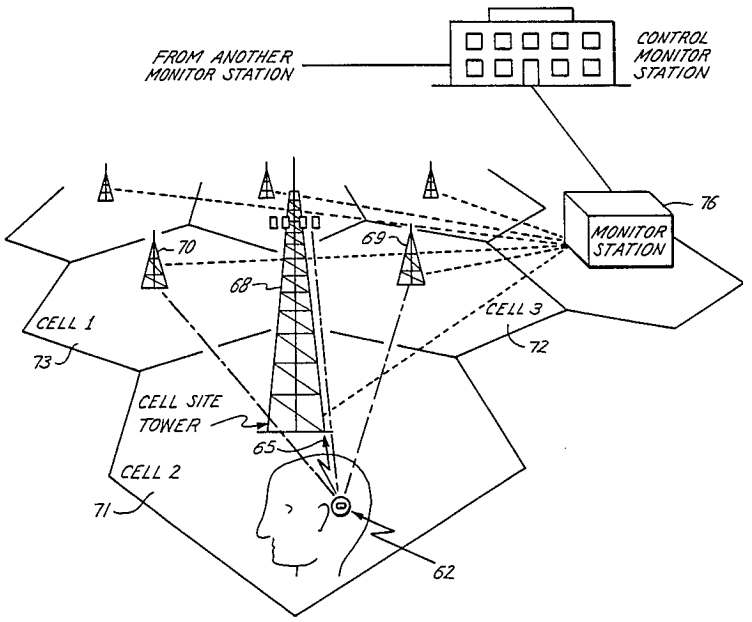
[57] **ABSTRACT**

A new apparatus for location and monitoring of humans has been developed. The device employs a unique programmable signal generator and detection system to locate and monitor the movement of individuals. It additionally utilizes a physiological monitoring system to signal a warning for the necessity for immediate help. The device is small enough to be implanted in young children as well as adults. The power supply and signal generator are designed to function at a low duty cycle for prolonged periods before recharging.

16 Claims, 4 Drawing Figures