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(54) NON-INVASIVE METHODS AND DEVICES FOR INDUCING EUPHORIA IN A PATIENT AND THEIR THERAPEUTIC APPLICATION

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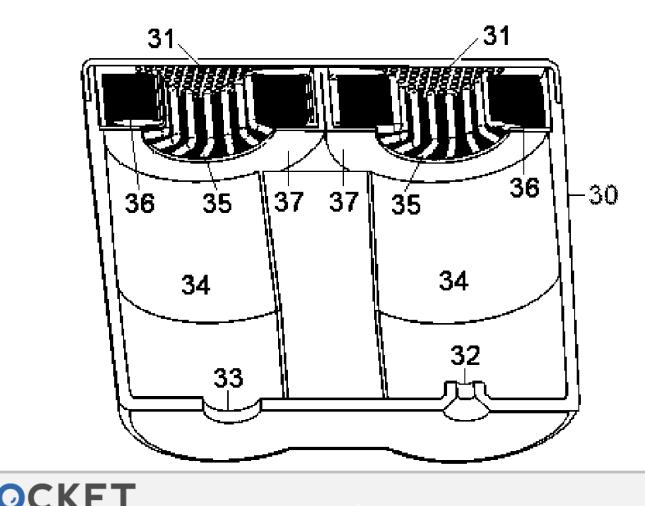
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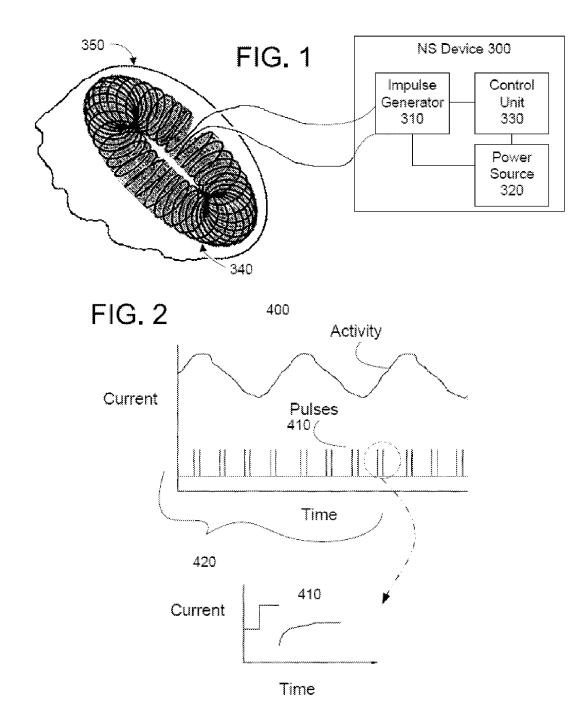
- (51) Int. Cl. *A61N 1/36* (2006.01)

(57) **ABSTRACT**

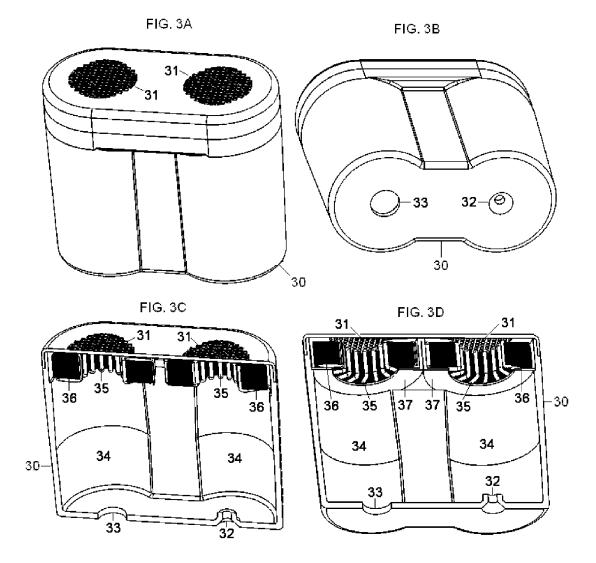
A novel non-invasive magnetic stimulator is used to modulate electrical activity of a patient's vagus nerve. Parameters of the stimulation are selected in such a way as to induce a state of euphoria in the patient. The methods and devices may be used for anesthesia, or to treat insomnia, depression, or premenstrual syndromes. They may be used as substitution withdrawal tools for individuals who otherwise would depend on substances and behaviors to achieve a euphoric state of mind, particularly individuals who abusively consume drugs, alcohol or food, or who exhibit behavioral disorders such as compulsive gambling. The devices and methods may also be used to prevent, manage, or relieve stress.

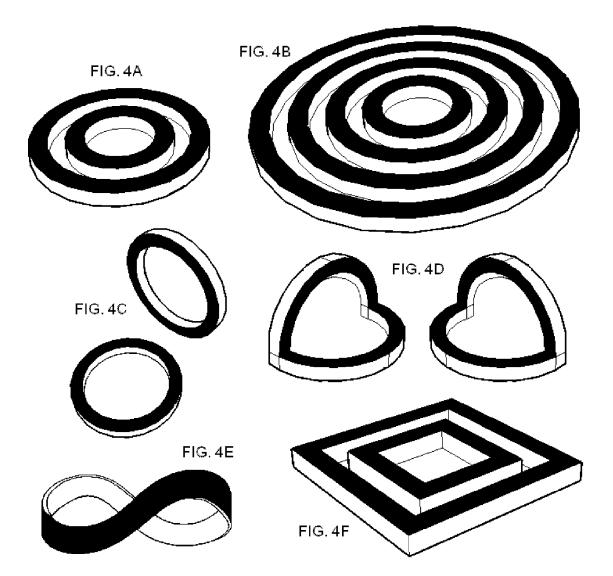


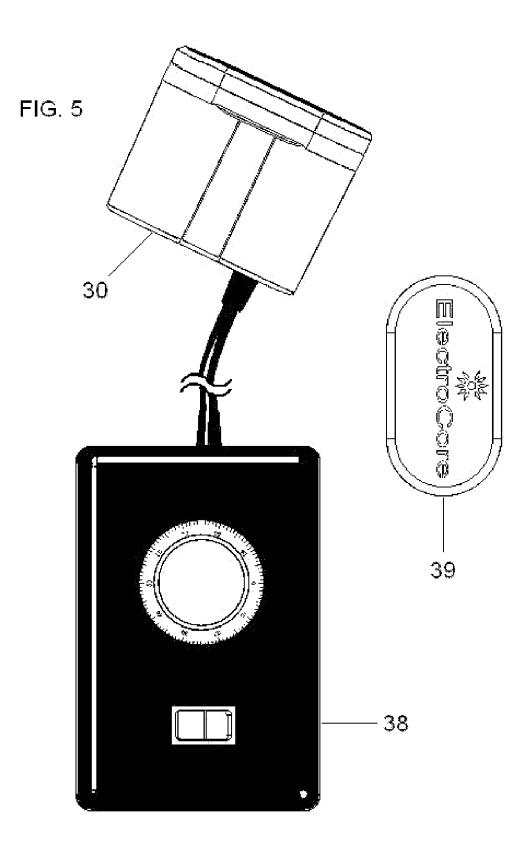
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