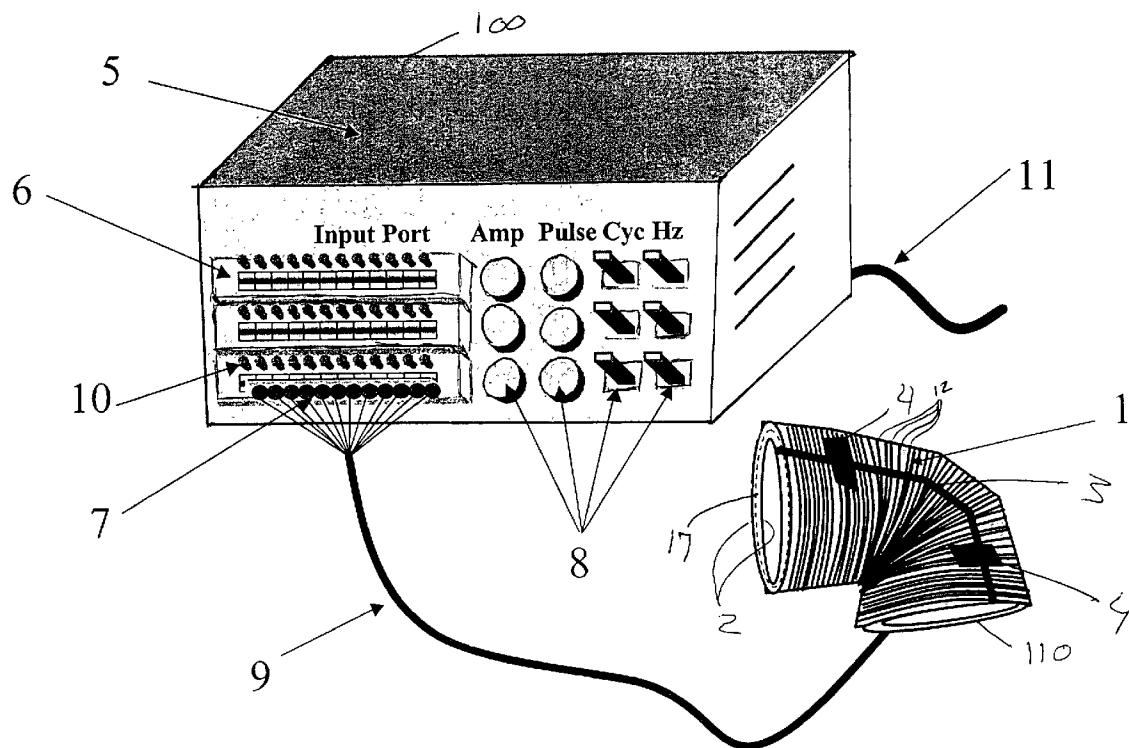


(19) **United States**(12) **Patent Application Publication** (10) **Pub. No.: US 2003/0158585 A1****Burnett**(43) **Pub. Date: Aug. 21, 2003**(54) **METHOD AND APPARATUS FOR  
ELECTROMAGNETIC STIMULATION OF  
NERVE, MUSCLE, AND BODY TISSUES****Publication Classification**(51) **Int. Cl.<sup>7</sup>** ..... **A61N 1/00**  
(52) **U.S. Cl.** ..... **607/2; 600/13**(76) **Inventor: Daniel R. Burnett, Menlo Park, CA  
(US)**

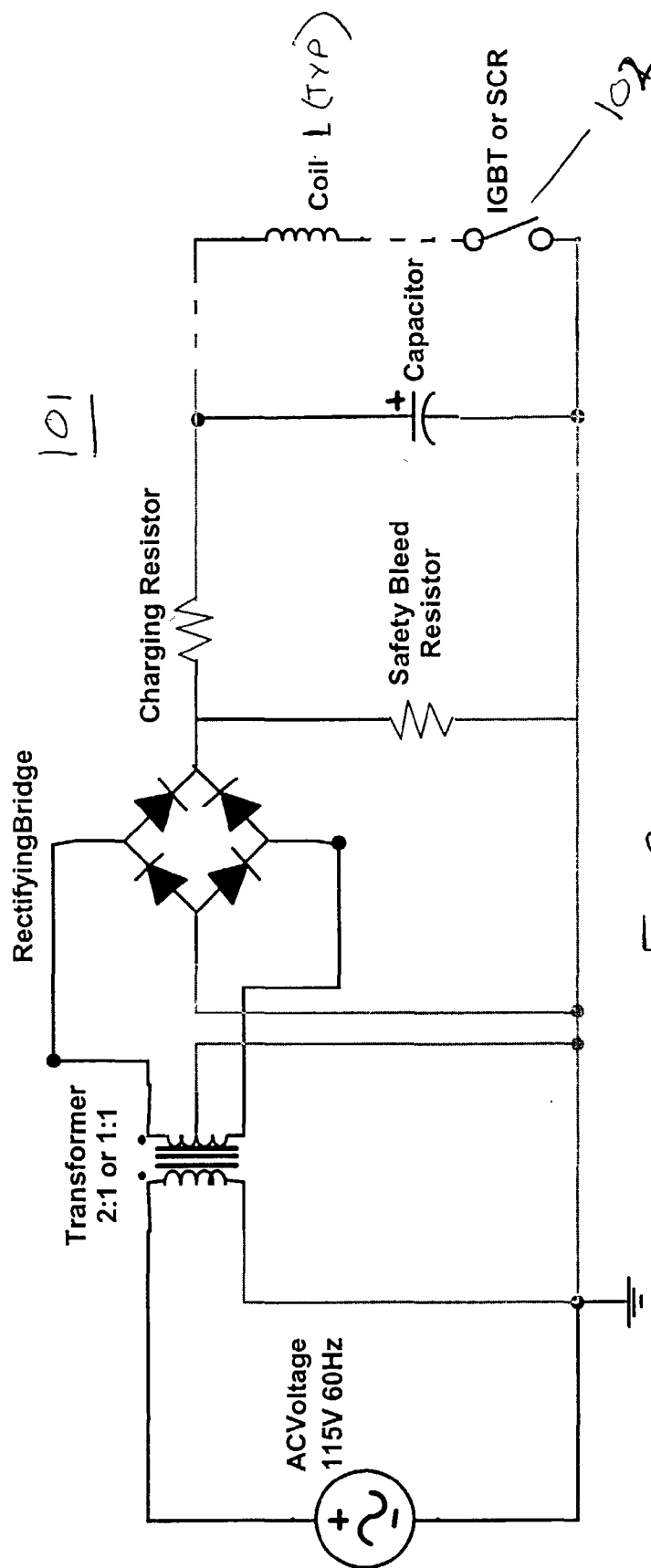
Correspondence Address:

**MAINE & ASMUS****100 MAIN STREET****P O BOX 3445****NASHUA, NH 03061-3445 (US)**(21) **Appl. No.: 10/266,535**(22) **Filed: Oct. 8, 2002****Related U.S. Application Data**(63) Continuation-in-part of application No. 10/077,434,  
filed on Feb. 19, 2002.(60) Provisional application No. 60/380,132, filed on May  
6, 2002.(57) **ABSTRACT**

An electromagnetic stimulating system and components configured to provide stimulation to tissues of the human body, including nerves, muscles (including superficial and deep muscles), or other body tissues without significant discomfort to the patient. The system utilizes an ergonomic, body-contoured, and conformable appliance to encase a transducer intended to deliver pulses of electromagnetic stimulation to targeted regions of the body. Transducer configurations include a substantially flat coil, a circumferential uninterrupted solenoid, and a circumferential, substantially solenoidal structure having an openable joint formed by a multiple conductor connector buckle. Index markings appliance allow for repetitive application, for more consistent therapy targeting specific anatomic regions with therapeutic pulsed electromagnetic fields.







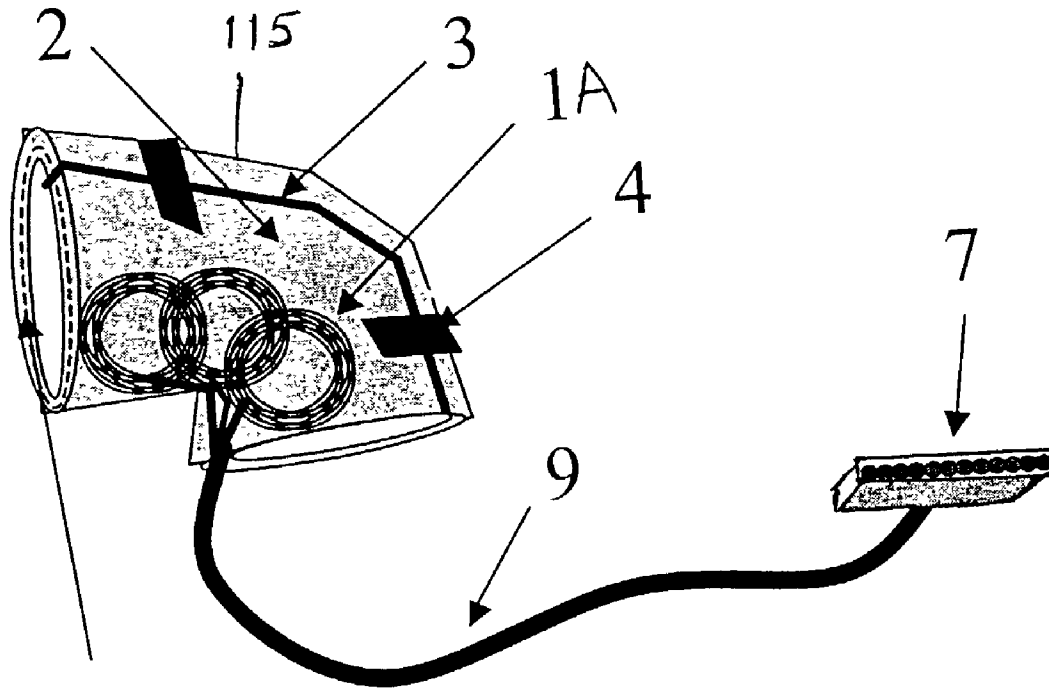


Fig 3

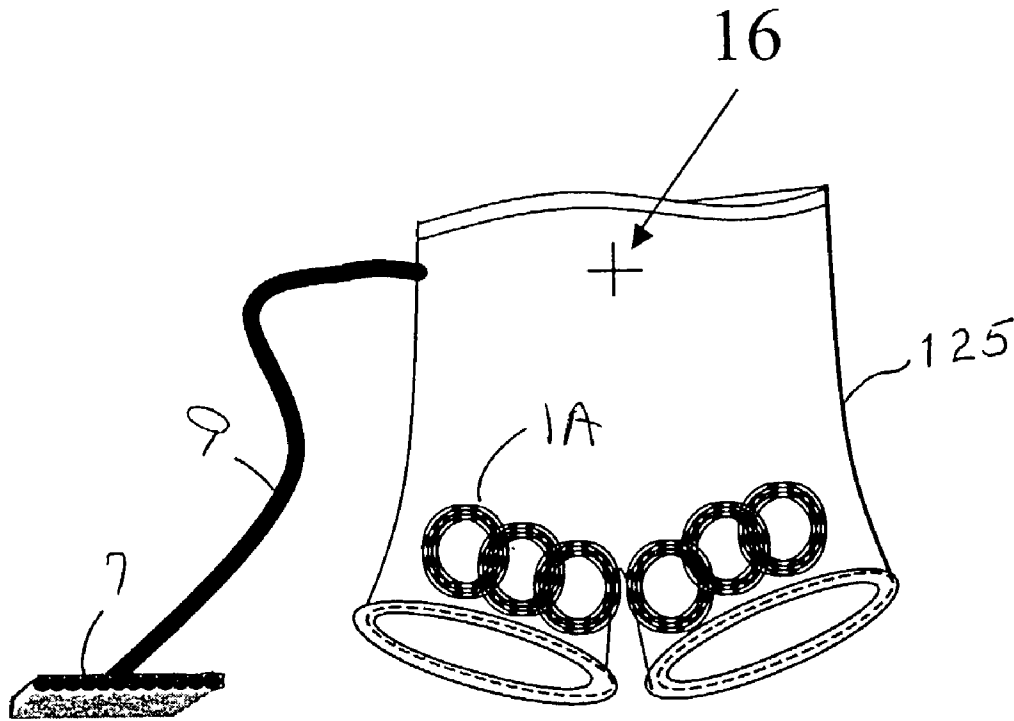


Fig 4

# Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

## Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

## Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

## Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

## API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

## LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

## FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

## E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.