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RON EDOUTE et al.(10) **Pub. No.: US 2015/0025299 A1**(43) **Pub. Date: Jan. 22, 2015**(54) **ESTHETIC APPARATUS USEFUL FOR
INCREASING SKIN REJUVENATION AND
METHODS THEREOF****Publication Classification**(51) **Int. Cl.***A61N 2/00* (2006.01)*A61N 5/06* (2006.01)*A61F 7/00* (2006.01)*A61N 2/02* (2006.01)*A61N 5/00* (2006.01)(52) **U.S. Cl.**CPC *A61N 2/002* (2013.01); *A61N 2/02* (2013.01);*A61N 5/00* (2013.01); *A61F 7/007* (2013.01);*A61N 5/0625* (2013.01); *A61F 7/00* (2013.01);*A61F 2007/0052* (2013.01)USPC .. **600/14**; 607/103; 607/101; 607/98; 607/88;

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(71) Applicant: **VENUS CONCEPT LTD**, Karmiel (IL)(72) Inventors: **Oded RON EDOUTE**, Tel Aviv (IL);
Orit RON EDOUTE, Tel Aviv (IL);
Itzhak KREMIN, Givatayim (IL);
Vadim POLYAKOV, Petach Tikva (IL)(21) Appl. No.: **14/489,572**(22) Filed: **Sep. 18, 2014****Related U.S. Application Data**

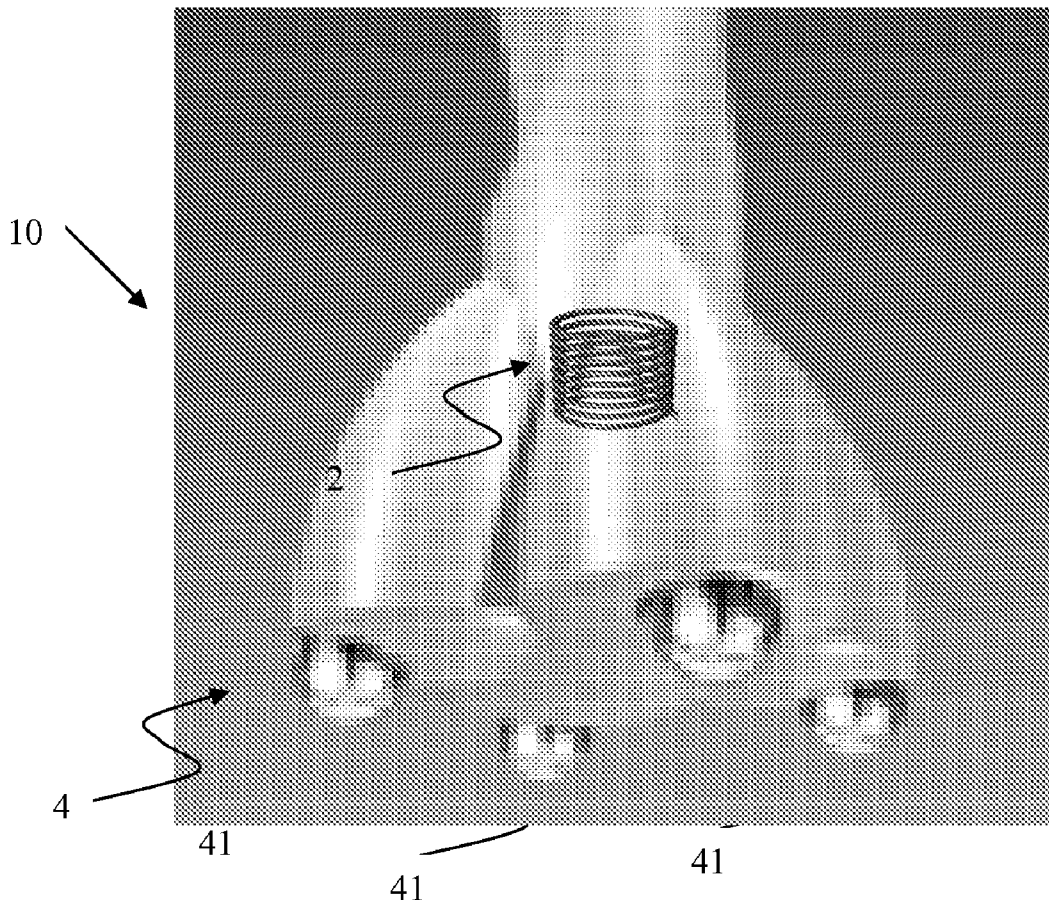
(62) Division of application No. 13/954,320, filed on Jul. 30, 2013, which is a division of application No. 13/001,834, filed on Feb. 1, 2011, filed as application No. PCT/IL2009/000644 on Jun. 29, 2009.

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(57)

ABSTRACT

Systems and methods for increasing skin rejuvenation of a region of a patient's skin. The system includes: a pulsed electromagnetic field (PEMF) frequency generator that emits electromagnetic pulses to the region of the patient's skin; and a deep tissue diathermy device that applies heat to the region of the patient's skin up to temperature T. The system simultaneously applies the heat and the PEMF to the region of a patient's skin.



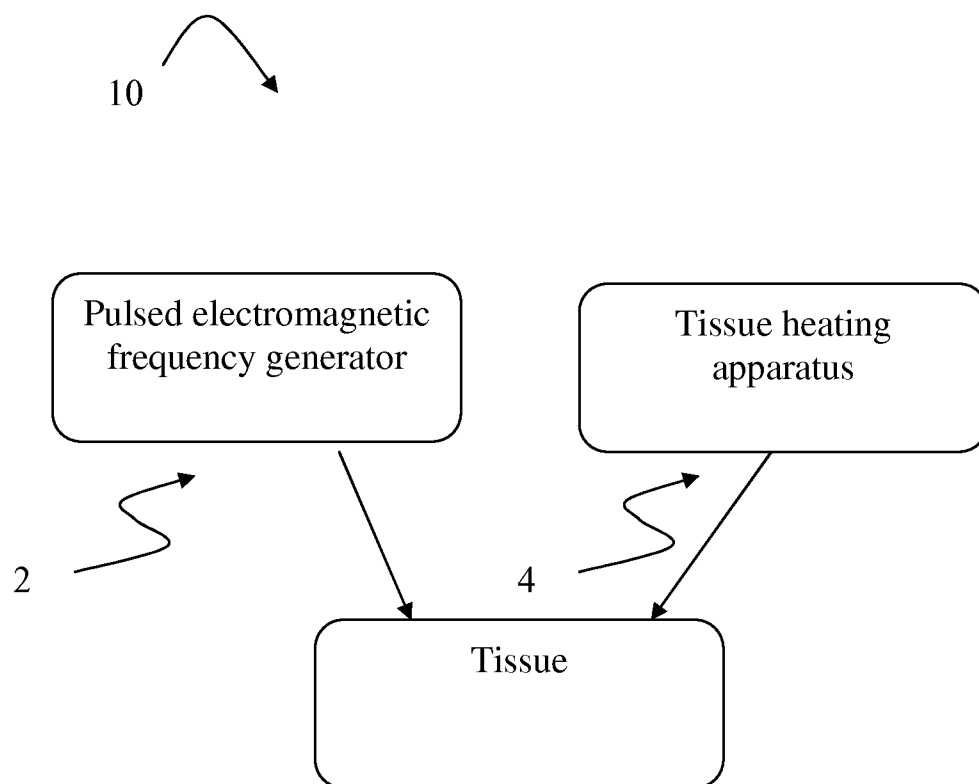


FIG. 1A

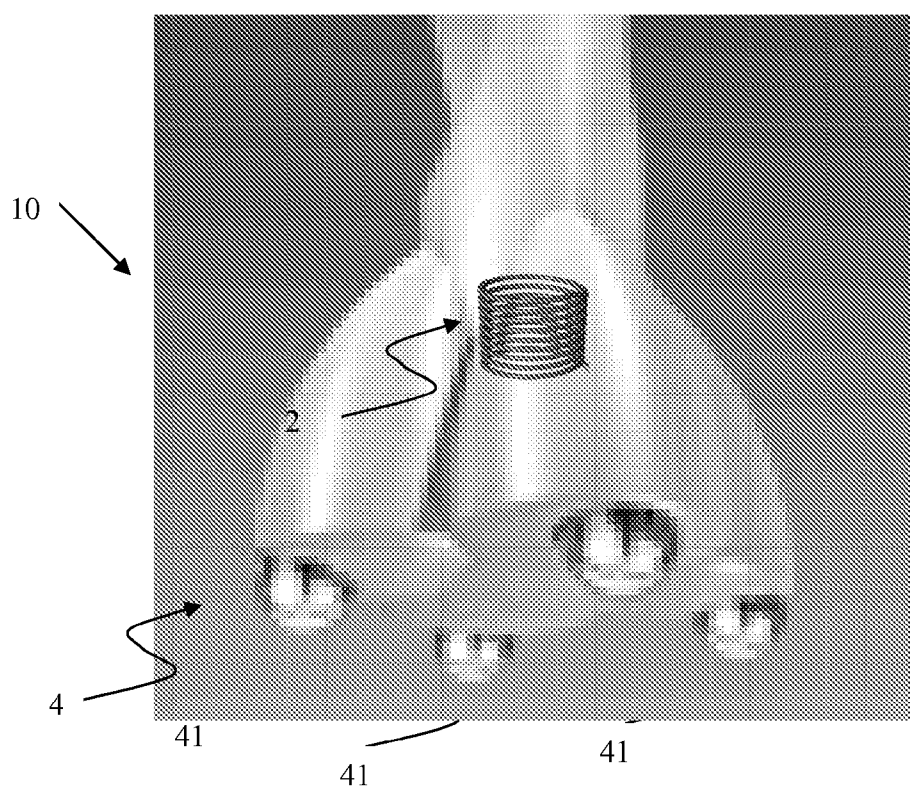


FIG. 1B

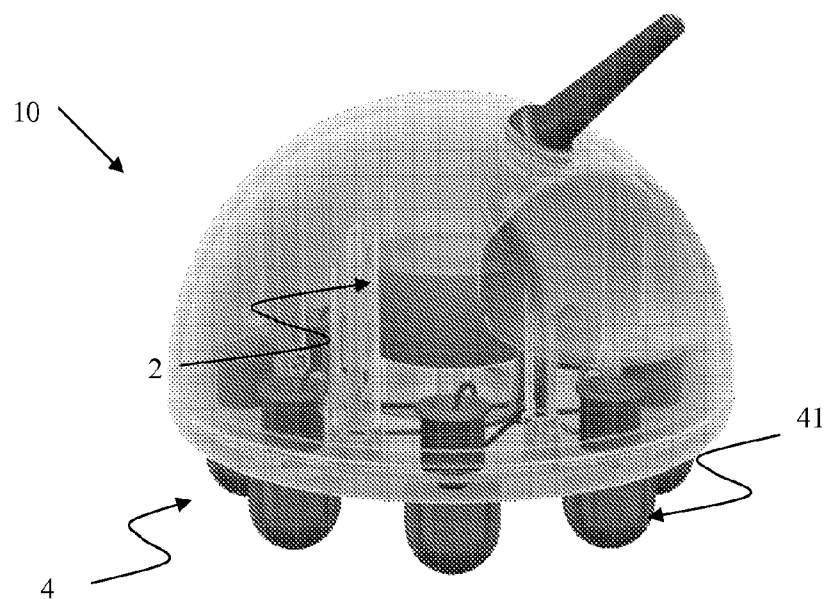


FIG. 1C

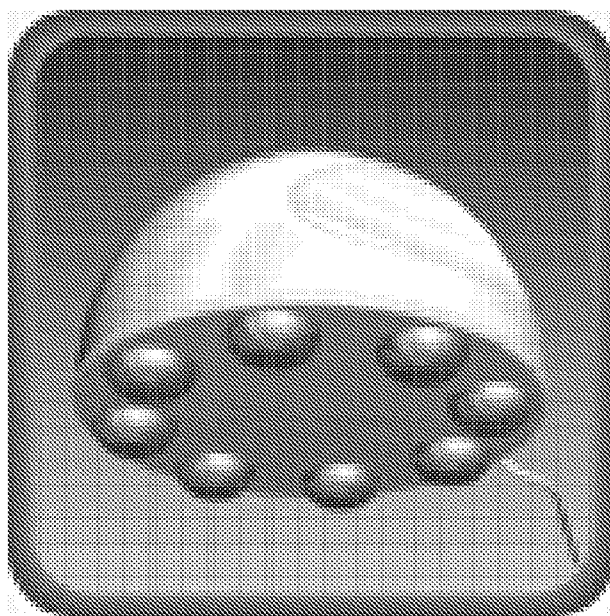


FIG. 1D

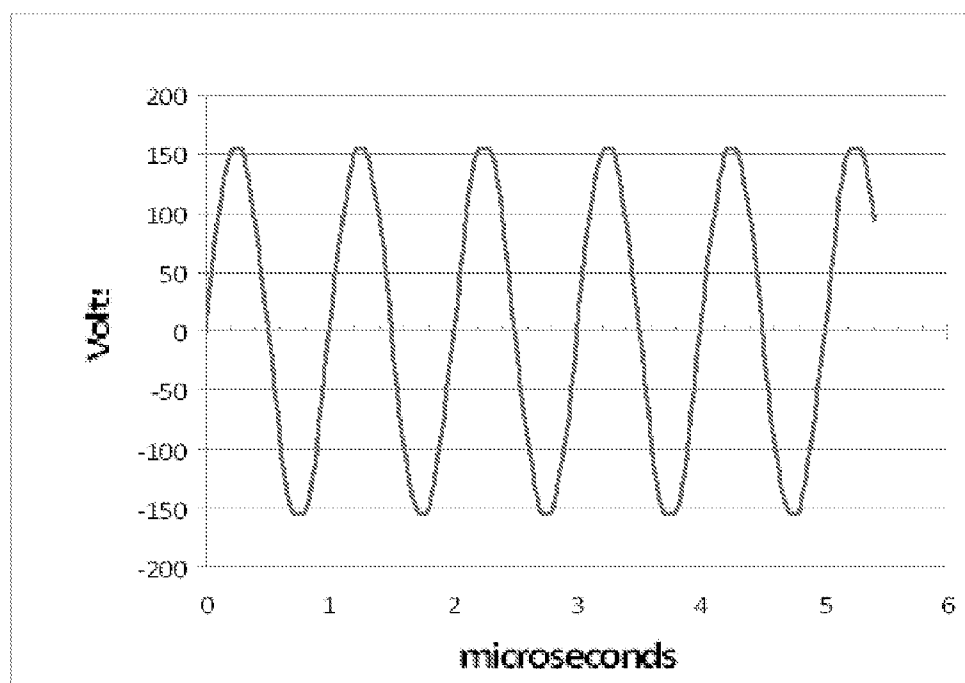


FIG. 1E

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