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(71) Applicant (for all designated States except US):
HEALTHONICS, INC. [US/US]; 3106 Vinings Ridge
Drive, Atlanta, GA 30339 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **KRONBERG, James,
W.** [US/US]; 108 Independent Blvd., Aiken, SC 29803
(US).

(74) Agents: **PRATT, John, S.** et al.; Kilpatrick Stockton LLP,
Suite 2800, 1100 Peachtree Street, Atlanta, GA 30309
(US).

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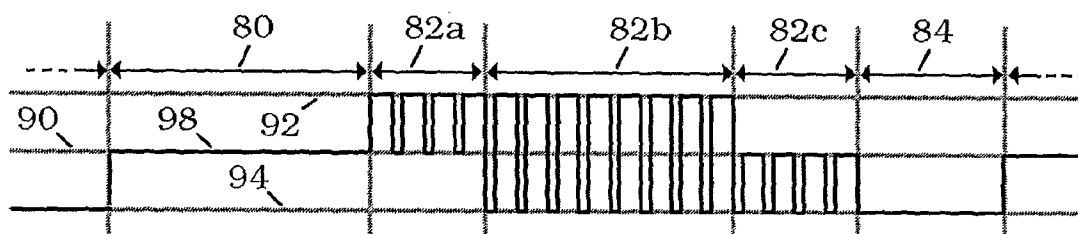
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(54) Title: APPARATUS AND METHOD FOR BIOELECTRIC STIMULATION, HEALING ACCELERATION, PAIN RELIEF,
OR PATHOGEN DEVITALIZATION



(57) Abstract: An method and method for generating an electrical signal for use in biomedical applications, including two timing-
interval generators, each optionally driving a multistep sequencer; analog, digital or hybrid means for combining the resulting timed
signals into a complex electrical signal; optional filtering means for blocking direct current, removing selected frequency components
from the resulting signal, and/or providing voltage step-up if needed; and conductive means for coupling the resulting signal to a
human or animal body, food, beverage or other liquid, cell or tissue culture, or pharmaceutical material, in order to relieve pain,
stimulate healing or growth, enhance the production of specific biochemicals, or devitalize selected types of organisms.



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