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[Continued on next page]

(54) Title: TREATMENT OF LESIONS OR IMPERFECTIONS IN MAMMALIAN SKIN OR NEAR-SKIN TISSUES OR IN OR NEAR OTHER ANATOMIC SURFACES

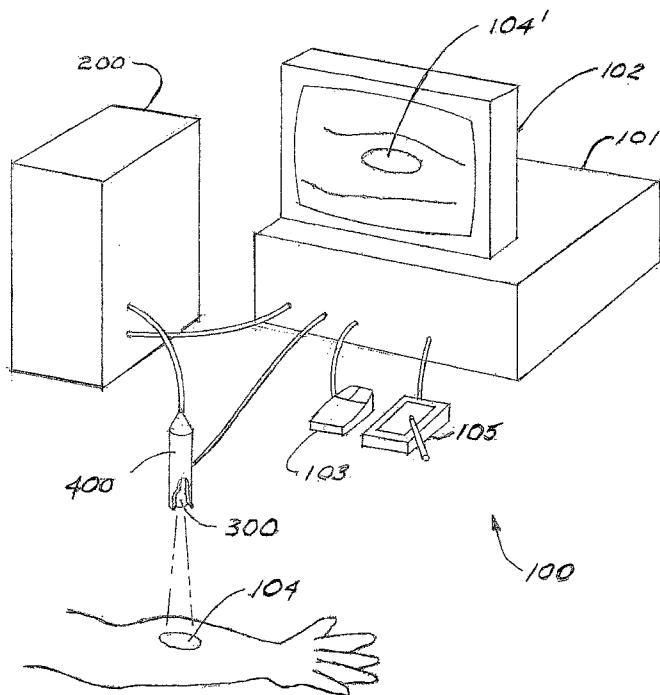


FIG. 1

(57) Abstract: A method of treatment for lesions or imperfections in or near exposed anatomic surfaces such as skin using low- level ionizing radiation includes, in one embodiment, acquisition by computer of the location and geometry of the anatomic region to be treated, creation of a treatment plan by a therapist to achieve the desired therapeutic effect within the region, and execution of the treatment plan by the energy source. Verification of the treatment to plan and safety methods are disclosed.

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A. CLASSIFICATION OF SUBJECT MATTER

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USPC - 607/154

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

USPC: 607/115

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

WEST (USPT,USOC,EPAB,JPAB; PLUR), Google Patents (<http://www.google.com/patents>); and Google Scholar

(<http://scholar.google.com/>).

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X — Y	US 5,391,139 A (EDMUNDSON) 21 February 1995 (21.02.1995): col 8, ln 39; col 2, ln 20-21; col 2, ln 25-26; abstract; col 3, ln 58; col 5, ln 5-7; col 3, ln 3-8; col 3, ln 20-25; col 4, ln 41-43; col 4, ln 60-64p col 3, ln 66; col 1, ln 64-68; col 4, ln 10-12; col 4, ln 5-8; col 5, ln 5-9; col 9, ln 25-30; col 8, ln 10; col 9, ln 52-57	1, 4, 7, 10, 15, 25-26, 38, 41 and 43 — 2-3, 5-6, 8-9, 11-14, 16-24, 27-37, 39-40 and 42,44
Y	US 6,148,060 A (COLLINS ET AL.) 14 November 2000 (14.11.2000): col 3, ln 50-51; col 4, ln 20; col 3, ln 55; col 3, ln 65-67; see claims 4-5	2-3 and 17-18
Y	US 5,754,623 A (SEKI) 19 May 1998 (19.05.1998): col 1, ln 8-12; col 28, ln 47-54	5 and 24
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Y	US 6,360,116 B1 (JACKSON JR. ET AL.) 19 March 2002 (19.03.2002): col 24, ln 6-11	9
Y	US 6,398,710 B1 (ISHIKAWA ET AL.) 4 June 2002 (04.06.2002): col 18, ln 7; col 18, ln 44; col 17, ln 36; col 9, ln 5; col 2, ln 25; col 3, ln 13	11-14, 16-18, 19-21, and 33-37
Y	US 6,728,335 B1 (THOMSON ET AL.) 27 April 2004 (27.04.2004): col 5, ln 51-55; col 3, ln 4-5	22-23 and 40

Further documents are listed in the continuation of Box C.

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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Y	US 6,597,005 B1 (BADURA ET AL.) 22 July 2003 (22.07.2003): col 2, ln 11-12; col 2, ln 18-20; col 5, ln 35-36; col 8, ln 48; col 11, ln 23-25; claims 3-4	29-30
Y	US 4,972,061 A (DULEY ET AL.) 20 November 1990 (20.11.1990): (col 8, ln 25; col 7, ln 26-28; col 7, ln 2-8	31
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Y	US 6,422,508 B1 (BARNES) 23 July 2002 (23.07.2002): col 4, ln 19-21; col 5, ln 35-40	42
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Y	US 6,920,202 B1 (DINSMORE) 19 July 2005 (19.07.2005): col 5, ln 50-52; col 2, ln 45-48; col 2, ln 64-65; col 5, ln 29-32	12-14
Y	US 4,454,106 A (GANSOW ET AL.) 12 June 1984 (12.06.1984): col 2, ln 20-22; abstract	19-20
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Y	US 6,036,631 A (MCGRATH ET AL.) 14 March 2000 (14.03.2000): col 5, ln 25-29; col 6, ln 31-35	40