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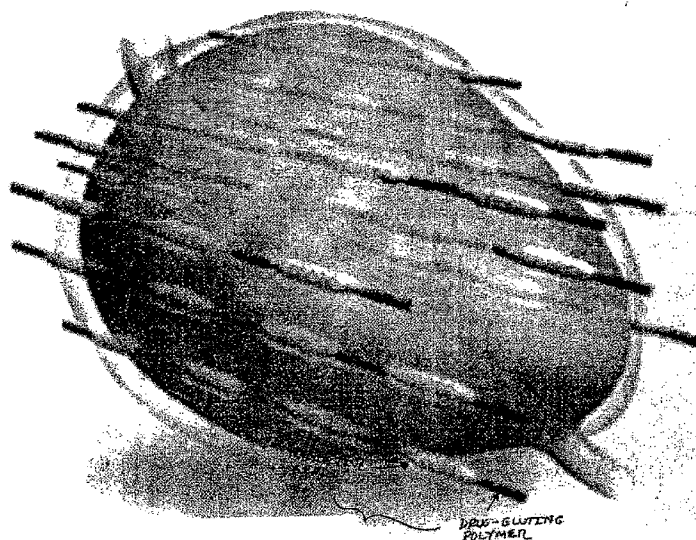
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(54) Title: APPARATUSES AND TECHNIQUES FOR BIOACTIVE DRUG DELIVERY IN THE PROSTATE GLAND



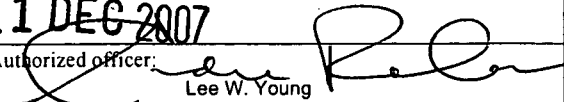
(57) Abstract: Methods and apparatuses for the delivery of bioactive substances into the prostate. The present invention encompasses the release of bioactive substances into the prostate of a patient. Preferably, the present invention employs either a sustained-release or depot formulation of the bioactive substance to release the substance over an extended period of time. In particular- preferred embodiments, the apparatuses of the present invention release of anti-inflammatory agents into the prostate. The anti-inflammatory agents preferably reduce the inflammation that is associated with brachytherapy and other conditions of the prostate. In particular, corticosteroid anti-inflammatory agents are employed in the context of the present invention.



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INTERNATIONAL SEARCH REPORT

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<p>A. CLASSIFICATION OF SUBJECT MATTER IPC(8) - A61M 36/12 (2007.10) USPC - 600/8, 600/7 According to International Patent Classification (IPC) or to both national classification and IPC</p>														
<p>B. FIELDS SEARCHED</p> <p>Minimum documentation searched (classification system followed by classification symbols) USPC: 600/8, 600/7</p> <p>Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched USPC: 600/3, 600/1</p> <p>Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) PubWEST (PGPB, USPT, EPAB, JPAB), Google Scholar, Google Patents Keywords: Brachytherapy, prostate, radiation, seed, beam, elute, deliver, release, drug, pharmaceutical, anti-inflammatory, methylprednisolone, triamcinolone, betamethasone, biopsy</p>														
<p>C. DOCUMENTS CONSIDERED TO BE RELEVANT</p> <table border="1"> <thead> <tr> <th>Category*</th> <th>Citation of document, with indication, where appropriate, of the relevant passages</th> <th>Relevant to claim No.</th> </tr> </thead> <tbody> <tr> <td>X ----- Y</td> <td>US 2002/0055666 A1 (HUNTER et al.) 09 May 2002 (0.05.2002) para [0005], [0073], [0075], [0171], [0178], [0179], [0199], [0221], [0222], [0313], [0314], [0321], [0325], [0336]</td> <td>46-47 ----- 1-45, 48-61</td> </tr> <tr> <td>Y</td> <td>US 2006/0018948 A1 (GUIRE et al.) 26 January 2006 (26.01.2006) para [0030], [0031], [0048], [0050], [0057], [0216], [0219], [0222]</td> <td>1-45, 48-61</td> </tr> <tr> <td>Y</td> <td>US 6,746,661 B2 (KAPLAN) 08 June 2004 (08.06.2004) col 15, ln 48-59</td> <td>5-6, 23-24</td> </tr> </tbody> </table>			Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	X ----- Y	US 2002/0055666 A1 (HUNTER et al.) 09 May 2002 (0.05.2002) para [0005], [0073], [0075], [0171], [0178], [0179], [0199], [0221], [0222], [0313], [0314], [0321], [0325], [0336]	46-47 ----- 1-45, 48-61	Y	US 2006/0018948 A1 (GUIRE et al.) 26 January 2006 (26.01.2006) para [0030], [0031], [0048], [0050], [0057], [0216], [0219], [0222]	1-45, 48-61	Y	US 6,746,661 B2 (KAPLAN) 08 June 2004 (08.06.2004) col 15, ln 48-59	5-6, 23-24
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<p>Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US, Commissioner for Patents P.O. Box 1450, Alexandria, Virginia 22313-1450 Facsimile No. 571-273-3201</p>		<p>Authorized officer:  Lee W. Young PCT Helpdesk: 571-272-4300 PCT OSP: 571-272-7774</p>												