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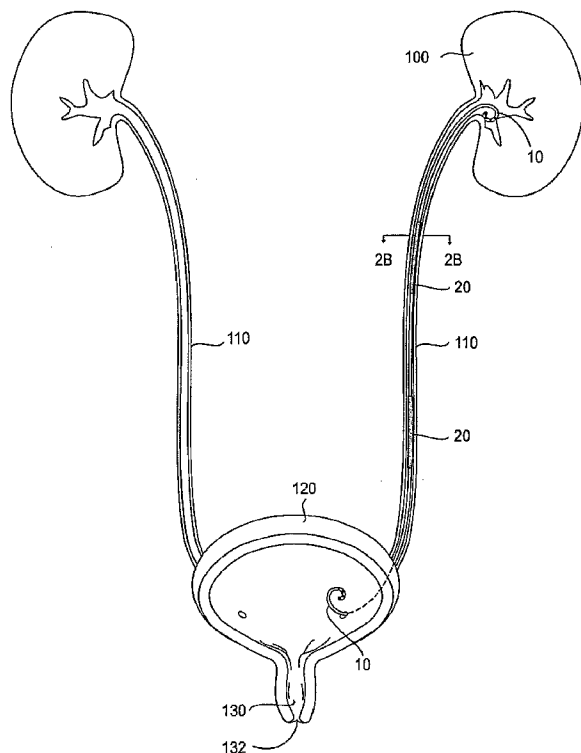
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[Continued on next page]

(54) Title: SYSTEM AND METHOD TO COUNTER MATERIAL DEPOSITION ON DEVICES IN THE URINARY TRACT



(57) Abstract: The invention relates to a device and method to counteract the deposition of material on devices that dwell in the urinary tract and which include an operably connected motion-inducing actuator. Counteracting material deposition includes impeding or preventing deposition as well as diminishing extant deposition. Deposition is counteracted by moving the device with the motion-inducing actuator; motion may include movement of the device with respect to its position within the urinary tract, as well as deformational or vibrational movement of the device. Embodiments of the device receive energy from a source either by physical or wireless connection, in some embodiments the motion-inducing actuator is integral with the structure of the device, in other embodiments the actuator is a separate structure. In still other embodiments, the device receives energy directly, without intervention of an actuator. In some of these latter embodiments, the device may include an energy focusing element.

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**A. CLASSIFICATION OF SUBJECT MATTER**  
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USPC: **606/127;623/23.64,23.65**  
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**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

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

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2005/0038376 A (ZUMERIS et al) 17 February 2005 (17.02.2005), entire document.	1-5, 11, 12, 21-30, 39, 40, 42-70
X	US 2004/0172087 A (FORSELL) 02 September 2004 (02.09.2004), entire document.	1-8, 11-70
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Y		9, 10
Y	US 3,353,539 A (PRESTON) 21 November 1967 (21.11.1967), columns 1 and 2.	9, 10
X	US 2004/0260391 A (SANTINI et al) 23 December 2004 (23.12.2004), entire document.	71, 72

Further documents are listed in the continuation of Box C.       See patent family annex.

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