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[Continued on next page]

(54) Title: TWO-PART ELECTROTRANSPORT DEVICE

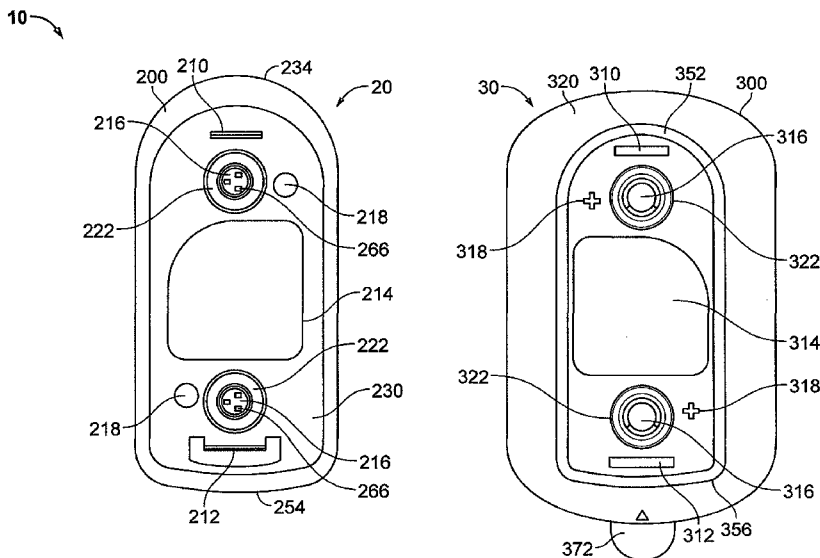


FIG. 6

(57) Abstract: A switch operated therapeutic agent delivery device is described. The device comprises two parts, which are assembled by a user prior to use. A first part contains a power supply and circuitry for the device; and a second part comprises electrodes and reservoirs containing the therapeutic agent to be delivered. The action of combining the two parts of the device causes the two parts to be irreversibly coupled together, completes an electrical connection between the two parts, and closes one or more switches, thereby connecting a power source, such as a battery, into the device's circuitry, thereby powering the device on so that it is ready for use. The device can then be attached to a patient, who can operate the device by pressing a button in a proper sequence.

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PCT/US2012/028400**A. CLASSIFICATION OF SUBJECT MATTER***A61N 1/30(2006.01)i, A61M 37/00(2006.01)i, A61J 1/05(2006.01)i*

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)

A61N 1/30; A61M 31/00; A61M 37/00

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

Korean utility models and applications for utility models
Japanese utility models and applications for utility models

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

eKOMPASS(KIPO internal) & Keywords: drug delivery, electrotransport, reservoir, battery, actuator, power-on.

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 2008-116109 A1 (ALZA CORPORATION et al.) 25 September 2008 See paragraphs [0036], [0042], [0044], and [0057]-[0058]; claims 1, 7, and 9; and figures 2 and 7-8.	1-30
A	US 6,086,572 A (JOHNSON, SUSAN A. et al.) 11 July 2000 See col.6, lines 13-16 and 60-65; col.7, lines 3-4, 9-11, 36-43, and 48-63; col.8, lines 17-25; col.9, lines 58-62; col.10, line 64 - col.11, line 1; claim 1; and figures 2-3.	1-30
A	US 7,302,293 B2 (SOUTHAM, MARY et al.) 27 November 2007 See col.7, lines 54-56; col.7, line 60 - col.8, line 19; col.8, lines 37-39; claim 1; and figure 1.	1-30
A	US 2010-0076368 A1 (MCNICHOLS, LARRY A. et al.) 25 March 2010 See paragraphs [0040]-[0043], [0091], [0095], and [0097]-[0098]; claim 1; and figures 1 and 9-10.	1-30
A	KR 10-1997-0002591 B1 (SAMSUNG ELECTRIC CO., LTD.) 06 March 1997 See pages 2-3; claims 1-3; and figures 2 and 4.	1-30

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

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Information on patent family members

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