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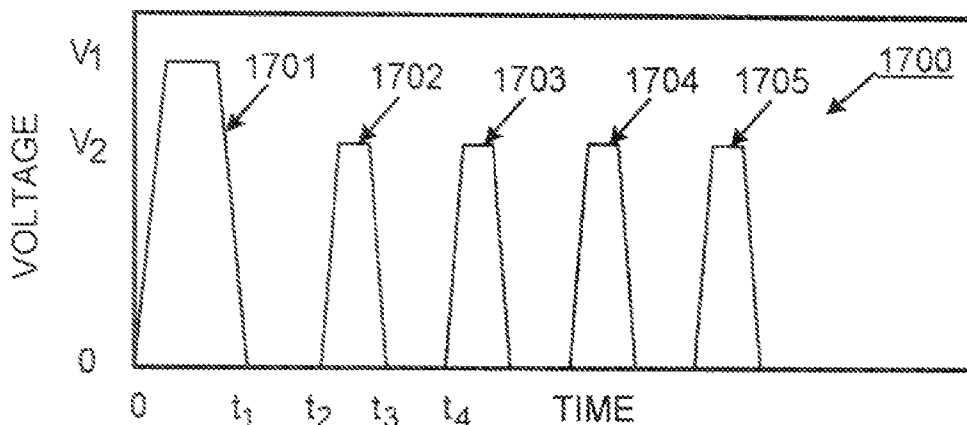


FIG. 17A

(57) Abstract: A method for driving a droplet ejection device (10) having an actuator (38), including applying a primary drive pulse (1701) to the actuator to cause the droplet ejection device to eject a droplet of fluid in a jetting direction, and applying one or more secondary drive pulses (1702-1705) to the actuator which reduce a length of the droplet in the jetting direction without substantially changing a volume of the droplet.

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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 --- Y	U S 4,523,200 (Howkms) 11 June 1985 (11 06 1985), figs 1,3, 14-20	1,2,6,7 ----- 4,5, 11-13, 19
X --- Y	U S 6,099,103 (Takahashi) 8 Aug 2000 (08 08 2000), figs 1-5,8,9	1,2,4,7,14-16 ----- 3,8-10, 17, 18
Y	U S 5,903,286 (Takahashi) 11 May 1999 (11 05 1999), figs 7,8,12	3
Y	U S 6,572,210 (Chung) 03 Jun 2003 (03 06 2003), col 7, line 41- col 10, line 15	8,9,1 7.18
Y	U S 2004/0027405 (Stoessel et al) 12 Feb 2004 (12 02 2004), paragraph 0005	10

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