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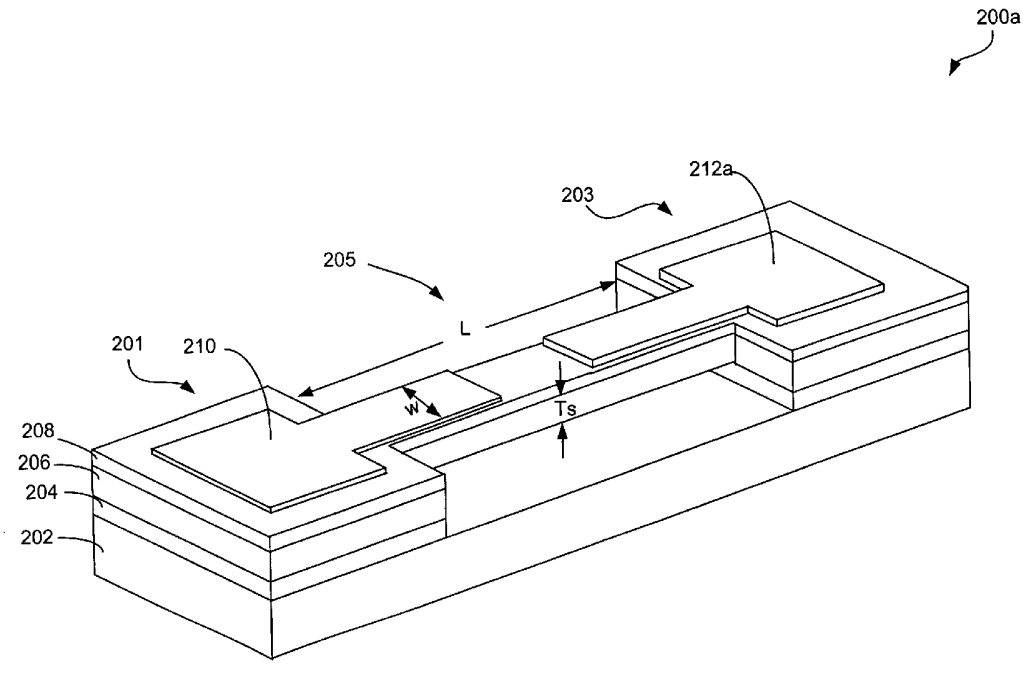
(54) Title: PIEZO ELECTRIC ON SEMINCONDUCTOR ON- INSULATOR RESONATOR



(57) Abstract: A piezoelectric resonator (205) is disclosed. In one embodiment the piezo electric resonator includes a semiconductor material (206) an electrode (210) and a piezo electric material (208) disposed between the semiconductor material and the electrode.

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US03/24051

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : H01L 41/08
US CL : 310/324

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)
U.S. : 310/321, 322, 324, 334, 365

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 5663505 A (NAKAMURA) 2 September 1997 (02.09.97) (Note figs 1 and 3)	1-10
X	US 3513356 (NEWELL) 19 May 1970 (19.05.70) (Note figs 2 and 7)	1-10
X	US 3634787 (NEWELL) 11 January 1972 (11.01.72) (See figs 2 and 7)	1-10

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