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[Continued on next page]

(54) Title: SHEET WAFER GROWTH STABILIZATION

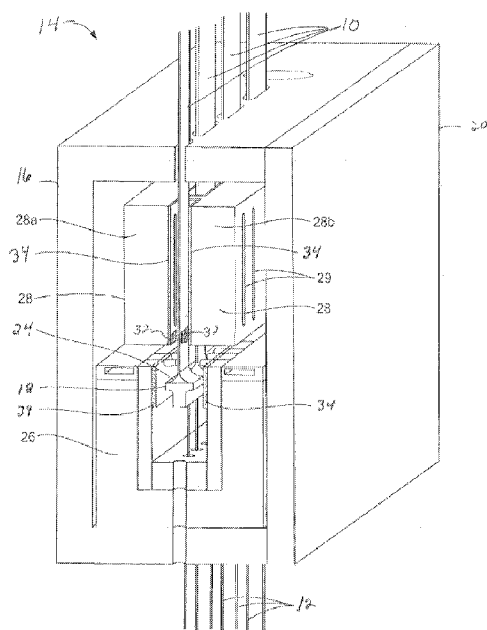


FIG. 3

(57) Abstract: An apparatus for forming a sheet wafer has an enclosure forming an interior chamber, and a crucible within the interior chamber and having a top surface. The crucible is configured to contain a volume of molten material. The apparatus also has a wafer guide spaced from the top surface of the crucible and within the interior chamber. The wafer guide forms a channel for passing a growing sheet wafer.



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INTERNATIONAL SEARCH REPORT

International application No.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - C30B 15/00 (2012.01)

USPC - 117/13, 73

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)

USPC: 117/13, 73

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)

Electronic Database Searched: PUBWEST (PGPB,USPT,USOC,EPAB,JPAB), Google. Search Terms Used wafer, sheet wafer growth stabilization, crucible, guide, chamber, apparatus

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X — Y	US 2010/0055398 A1 (Grupp Mueller et al.) 04 March 2010 (04.03.2010) entire document especially figure 1A; 2 and 7-8; para [0008]; [0012]; [0028]-[0029]; [0046]; [0058]	12-15 ----- 1-11
Y	US 7,407,550 B2 (Sachs) 05 August 2008 (05.08.2008) especially col 18, ln 57-65; col 5, ln 10-13	1-11
Y	US 2005/0032391 A1 (Peace et al.) 10 February 2005 (10.02.2005) especially figure 7A and 14; para [0047]; [0056]; [0069]	1-11
A	US 6,189,591 B1 (Ariye et al.) 20 February 2001 (20.02.2001) entire document	1-15
A	US 4,550,655 A (Hass, Sr. et al.) 05 November 1985 (05.11.1985) entire document	1-15

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* Special categories of cited documents:

“A” document defining the general state of the art which is not considered to be of particular relevance

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