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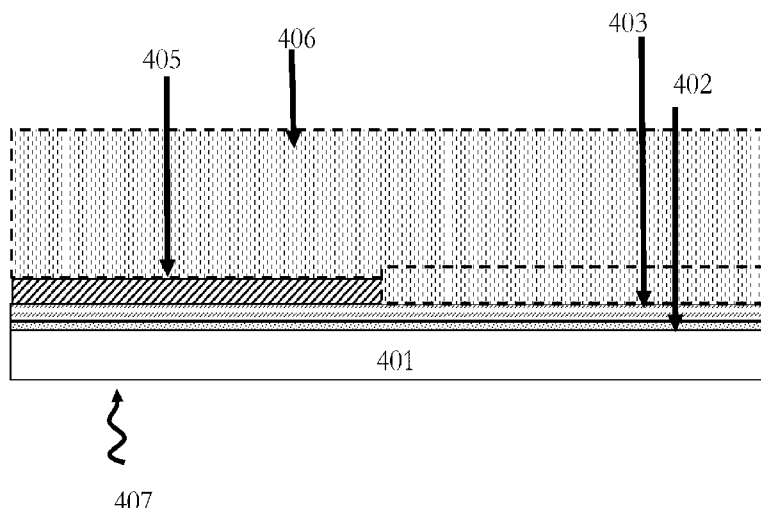
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(54) Title: THIN FILM SOLAR CELLS AND OTHER DEVICES, SYSTEMS AND METHODS OF FABRICATING SAME, AND PRODUCTS PRODUCED BY PROCESSES THEREOF



(57) Abstract: Systems, methods, devices, and products of processes consistent with the innovations herein relate to thin-film solar cells and other devices. In one exemplary implementation, there is provided a thin film device.

Figure 4



**A. CLASSIFICATION OF SUBJECT MATTER*****H01L 31/042(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)

H01L 31/042; H01L 21/205; H01L 29/786; H01L 31/04; C23C 16/24

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) &amp; Keywords: amorphous, crystalline, laser

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A X	KR 10-0227439 B1 (MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.) 01 November 1999 See abstract, claims 1-12 and figures 1-3, 6-8.	1-6, 48-50, 64-113 18-19, 39-40, 44-46
A	JP 2000-252218 A (KANEGAFUCHI CHEM. IND. CO., LTD.) 14 September 2000 See abstract and paragraph [0006].	1-6, 18-19, 39-40 , 44-46, 48-50 , 64-113
A	KR 10-2009-0043360 A (TG SOLAR CORPORATION) 06 May 2009 See abstract, claim 1 and figure 1.	1-6, 18-19, 39-40 , 44-46, 48-50 , 64-113
A	KR 10-2003-0017202 A (HITACHI CABLE CO., LTD.) 03 March 2003 See abstract, claim 1 and figure 1.	1-6, 18-19, 39-40 , 44-46, 48-50 , 64-113

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

\* Special categories of cited documents:

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

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&amp;" document member of the same patent family

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**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No.

**PCT/US2011/045260**

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