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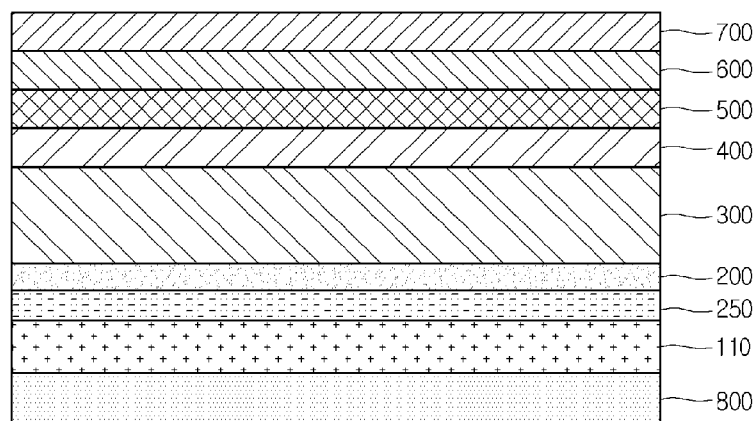
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(54) Title: SOLAR CELL APPARATUS AND METHOD OF FABRICATING THE SAME

[Fig. 1]



(57) Abstract: The solar cell according to the embodiment includes a backside electrode layer, a light absorption layer on the backside electrode layer, a buffer layer on the light absorption layer, a window layer on the buffer layer, and a bonding layer under the backside electrode layer.



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 21/20; H01L 31/18

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: bonding layer, backside electrode layer, sacrificial layer, buffer layer, window layer, electrolysis

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	KR 10-2010-0090181 A (POINT ENGINEERING CO., LTD.) 13 August 2010	1-6
X	See abstract, paragraphs [0018]-[0021],[0049]-[0064], figure 1, claim 1.	7-14
Y	KR 10-2010-0130789 A (SAMSUNG ELECTRO-MECHANICS CO., LTD.) 14 December 2010 See abstract, paragraphs [0026]-[0035], figure 1, claims 1, 7 and 13.	1-6
A	US 2010-0009492 A1 (DUY-PHACH VU et al.) 14 January 2010 See abstract, paragraphs [0017]-[0023], claim 1.	1-14

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

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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