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(54) **Title**: THREE-DIMENSIONAL LIGHTING STRUCTURE UTILIZING LIGHT ACTIVE TECHNOLOGY

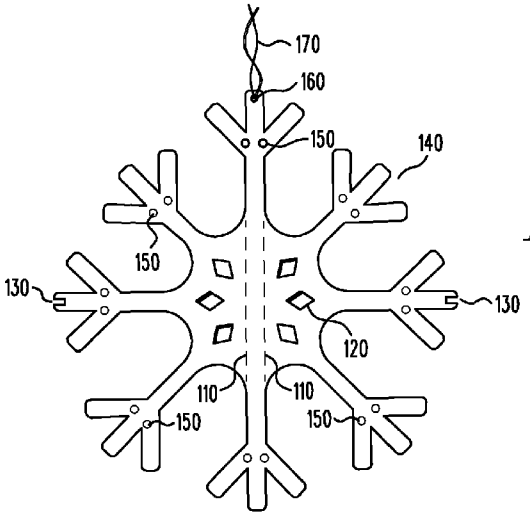


Fig. 1
100

(57) **Abstract**: A structure and method for three-dimensional lighting using light active technology. The structure has one or more sheets of light active material, which each sheet of the one or more sheets of light active material having a plurality of lighting elements. The structure additionally has one or more folding elements along which the one or more sheets of light active material are operable to be folded to create a three-dimensional lighting structure. A power supply element can then be used to provide power to the plurality of lighting elements. A fastening element is operable to fasten together the one or more sheets of light active material at one or more fastening points to retain the three-dimensional lighting structure created by folding the one or more sheets of light active material along the one or more folding elements.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

F21S 2/00(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)

IPC : F21S 2/00

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 since 1975

Japanese Utility models and applications for Utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS(KIPO internal) & Keywords : LIGHT, STRUCTRUE, DECORATE, LED

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	US 6,382,814 B1 (DANIEL W.PETROCELLI) 7 May 2002 See abstract, col. 2, line 01- col. 3, line 58, Figures 1-3	1-3, 18-20 4-17
A	US 5,747,940 A (RENATO M.OPENIANO) 5 May 1998 See abstract, claims 1-3, Figure 18	1-20
A	US 6,981,781 B2 (WEI-JEN TSENG) 3 January 2006 See abstract, claim 1-5, Figure 6	1-20
A	JP 2005-174891 A (OSADA JUNICHI) 30 June 2005 See abstract, claim 1, Figure 1	1-20
A	JP 11-176214 A (MORIYAMA SANGYO KK.) 2 July 1999 See abstract, claim 1, Figure 3	1-20

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

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"&" document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
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Information on patent family members

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