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(54) Title: AMBIENT AND TASK LEVEL LOAD CONTROL

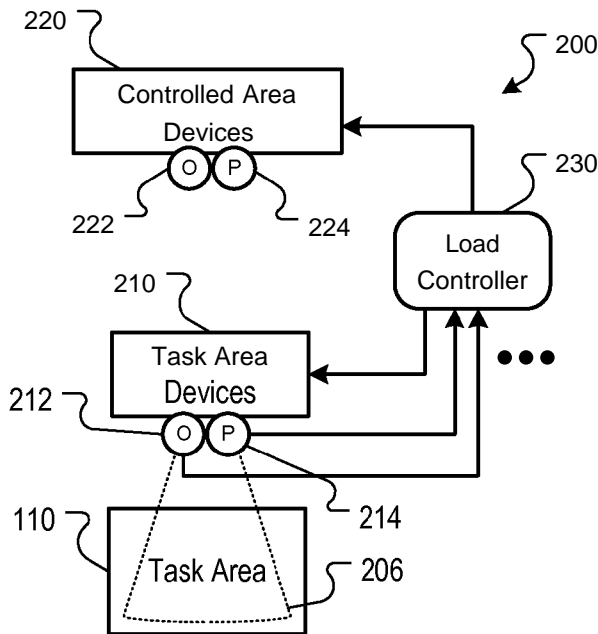


FIG. 2

(57) Abstract: Methods, systems, and apparatus, including computer programs encoded on a computer storage medium, for cooperatively controlling ambient level lighting in a controlled area, and task level lighting for task areas in the controlled area, wherein each task area is a separate sub-area of the controlled area.

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2011/042827**A. CLASSIFICATION OF SUBJECT MATTER****H05B 37/02(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)

H05B 37/02

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: illumination, control, sensor, photo, occupancy, wireless, communication

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|---|-----------------------|
| A | JP 2010-073633 A (TOSHIBA LIGHTING & TECHNOLOGY CORP.) 02 April 2010 See abstract, figures 1-2, and their corresponding descriptions. | 1-22 |
| A | JP 2010-086686 A (TOSHIBA LIGHTING & TECHNOLOGY CORP.) 15 April 2010 See abstract, figures 1-4, and their corresponding descriptions. | 1-22 |
| A | JP 2010-027418 A (TOSHIBA LIGHTING & TECHNOLOGY CORP.) 04 February 2010 See abstract, figures 1-5, and their corresponding descriptions. | 1-22 |
| A | KR 10-2003-0029780 A (KIM MEE HYUN) 16 April 2003 See abstract, figures 1-4, and their corresponding descriptions. | 1-22 |
| A | KR 10-2010-0064861 A (SJ-TECH LED SYSTEM CO., LTD.) 15 June 2010 See abstract, figures 1-5, and their corresponding descriptions. | 1-22 |

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

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Information on patent family members

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| Patent document cited in search report | Publication date | Patent family member(s) | Publication date |
|---|---------------------|----------------------------|---------------------|
| JP 2010-073633 A | 02 .04 .20 10 | None | |
| JP 2010-086686 A | 15 .04 .20 10 | None | |
| JP 2010-027418 A | 04 .02 .20 10 | None | |
| KR 10-2003-0029780 A | 16 .04 .2003 | None | |
| KR 10-20 10-0064861 A | 15 .06 .20 10 | None | |