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(54) Title: HAND HYGIENE COMPLIANCE MONITORING

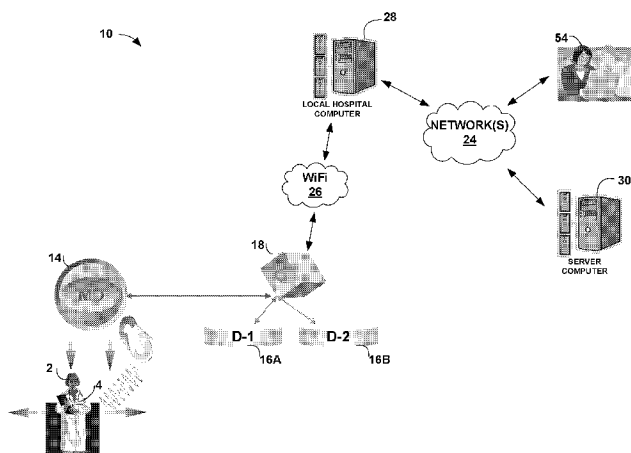


FIG. 1

(57) **Abstract:** A system and associated processes monitor hand hygiene compliance. The system includes hand hygiene product dispensers positioned within areas of concern (AOC) in a facility in which hand hygiene events are to be monitored. The dispensers detect dispense events initiated at the dispenser and transmit a dispense event signal indicative that a dispense event occurred along with dispenser identification information. The system also includes a plurality of compliance badges, each worn by a different person in the facility. Each compliance badge receives dispense event signals corresponding dispenser identification information associated with dispense events initiated by the wearer of the compliance badge. The badges store dispense event records associated with each dispense event initiated by the wearer and thus keep track of all dispense events initiated by the wearer of the compliance badge. One or more data gathering stations positioned at various locations through the facility receive the dispense event information from the individual badges when they come within range. The dispense event information may then be transferred to a local or remote computer for analysis and reporting on hand hygiene events taking place within the facility.

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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)

G08B 29/02; E03C 1/05; G05B 19/00; G06F 7/00; G08B 13/14; G08B 23/00

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

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: hand hygiene, compliance, badge, dispenser, protection zone

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2007-0257803 A1 (ANDREW D. MUNRO) 08 November 2007 See abstract, claims 1-31 and figure 8	1-32
A	US 2003-0030562 A1 (STEPHEN LANE et al.) 13 February 2003 See abstract, claims 1-39 and figure 1	1-32
A	US 2008-0100441 A1 (PRODANOVICH TIMOTHY et al.) 01 May 2008 See abstract, claims 1-34 and figures 2, 8	1-32
A	US 6956498 B1 (JEROME M. GAUTHIER et al.) 18 October 2005 See abstract, claims 1-20 and figure 2	1-32
A	US 6125482 A1 (FOSTER; FRANK) 03 October 2000 See abstract, claims 1-29 and figure 9	1-32



Further documents are listed in the continuation of Box C.



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Information on patent family members

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