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- (71) **Applicant:** **TRANZAS ASIA PACIFIC PTE. LTD.**
[SG/SG]; 7500A Beach Road, #08-320/321 The Plaza, Singapore 199591 (SG).
- (72) **Inventor:** **FUJIYOSHI, Hidehiko**; 47 Toh Tuck Place, Toh Tuck Garden, Singapore 596822 (SG).
- (74) **Agent:** **MIRANDAH ASIA (SINGAPORE) PTE LTD**;
1 Coleman Street, #07-08 The Adelphi, Singapore 179803 (SG).

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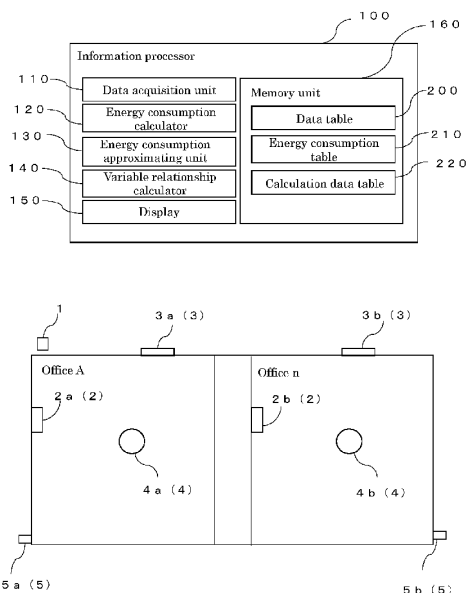
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(54) Title: ENERGY CONSUMPTION CALCULATING SYSTEM

Figure 1



(57) **Abstract:** [Problem] Provide an energy consumption calculating system that calculates an estimated value of energy consumed based on environmental conditions that change over time in an HVAC unit having an automatic control function. [Resolution Means] An energy consumption calculating system of an HVAC unit (3) equipped with an automatic control function that includes; a data acquisition unit (110) for acquiring internal and external environmental information of a building in which the HVAC unit (3) is installed; an energy consumption table (210) in which a plurality of cells is formed into a matrix; and an energy consumption approximating unit (130) that calculates an estimated value of energy consumed by the HVAC unit (3) using information acquired by the data acquisition unit (110) and the energy consumption table (210), wherein the energy consumption approximating unit (130), by using environmental information acquired at each predetermined time to approximate a cell value of the energy consumption table corresponding to the environmental information, calculates an estimated value of energy consumed according to changes in the environment in which the HVAC unit (3) is installed.