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(19) **United States**(12) **Patent Application Publication****Sawal et al.**(10) **Pub. No.: US 2023/0231917 A1**(43) **Pub. Date: Jul. 20, 2023**(54) **SYSTEM AND METHOD FOR OCCUPANCY
BASED MANAGEMENT OF DISTRIBUTED
SYSTEMS**(52) **U.S. Cl.**CPC **H05K 5/0078** (2013.01); **H05K 5/006**
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ABSTRACT(72) Inventors: **Vinay Sawal**, Fremont, CA (US);
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Methods, systems, and devices for providing computer implemented services using managed systems are disclosed. To provide the computer implemented services, the managed systems may be deployed to a location and operate in a predetermined manner conducive to, for example, execution of applications that provide the computer implemented services. When deployed to a location, the managed systems may be housed in a managed system frame. The managed system frames may include systems to guide placement of managed system in preferred frame units, remotely identify occupancy of the frame units, and/or the frame units against unexpected removals of or insertion of devices in the frame units.

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