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(54) **WEATHERPROOF ELECTRICAL COMPONENT ENCLOSURE WITH SWAPPABLE FANNED AND FAN-LESS INTERNAL MODULES**

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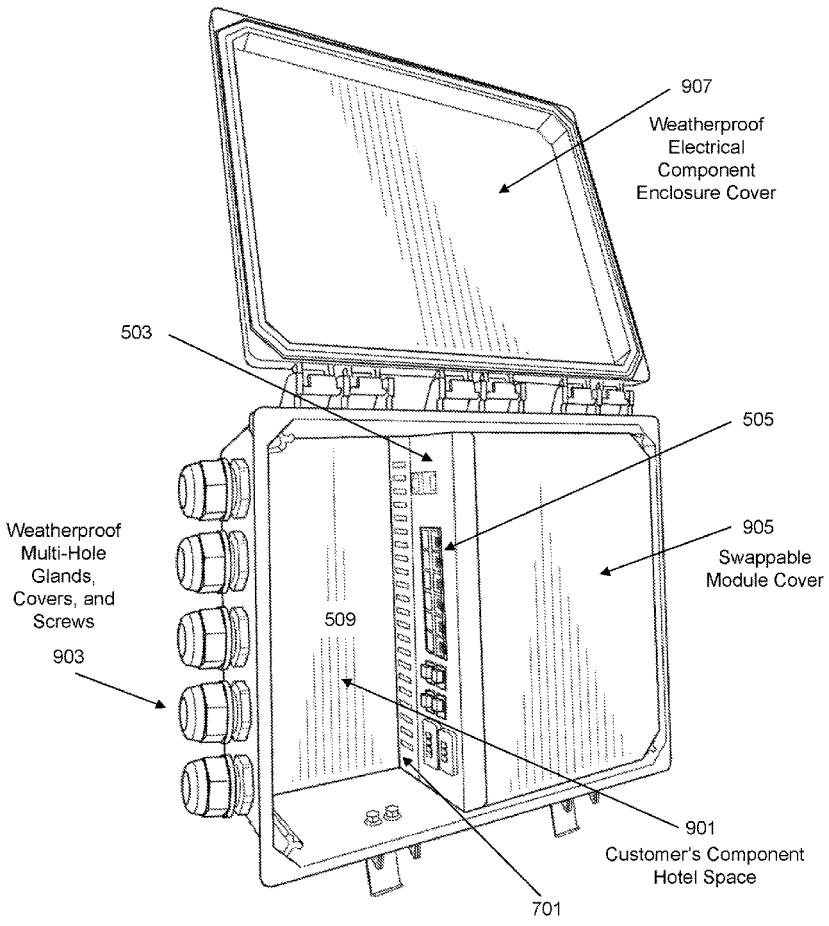
(57) **ABSTRACT**

A novel weatherproof electrical component enclosure incorporates swappable internal module configurations for several types of network devices, wherein each internal module embodies standardized dimensions and standardized attachment elements for seamless internal device swap in-and-out compatibilities within the same weatherproof enclosure. Examples of novel swappable internal modules for the novel weatherproof electrical component enclosure include a fanned Power-over-Ethernet (PoE) switch, a fan-less PoE switch, a network router, and a wireless base station, all of which are simply swappable in and out of the weatherproof enclosure. The novel weatherproof electrical component enclosure also uniquely incorporates a customer's component hotel space as a weatherproof storage of customer-specific private accessory devices, in addition to housing factory-packaged original equipment which the weatherproof electrical component enclosure is originally designed to encase. The swappable modularity of internal components in the weatherproof enclosure reduces outdoor network equipment design constraints, manufacturing costs, and network implementation and maintenance costs.



Weatherproof Electrical Component Enclosure Incorporating Swappable Fanned or Fan-Less Internal Module and Novel Hotel Space