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(19) **United States**(12) **Patent Application Publication** (10) **Pub. No.: US 2022/0354027 A1**
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ALTERNATIVE POWER SUPPLY
LOCATIONS AND DIRECTIONS**(71) Applicant: **DELL PRODUCTS, LP**, Round Rock,
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TX (US)(21) Appl. No.: **17/242,567**(22) Filed: **Apr. 28, 2021****Publication Classification**(51) **Int. Cl.**
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CPC **H05K 7/20836** (2013.01); **H05K 7/20727**
(2013.01); **H05K 7/20209** (2013.01)(57) **ABSTRACT**

An information handling system includes a chassis having a cold aisle edge and a hot aisle edge, one or more devices inserted within the cold aisle edge, a power supply unit, and a baseboard management controller (BMC). The BMC determines whether a power supply cooling fan of the power supply unit installed within the information handling system has a fixed airflow direction or changeable airflow direction. In response to the power supply cooling fan having a fixed airflow direction, the BMC determines a configuration of the information handling system. The BMC determines a power supply cooling fan orientation of a power supply cooling fan within the power supply unit, and whether the power supply cooling fan orientation corresponds to the configuration of the information handling system. If not, the BMC provides an alert message to an individual associated with the information handling system.

