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(54) **CORROSION PREVENTIVE HEATSINK FOR NETWORK DEVICE**

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(57) **ABSTRACT**

In one embodiment, an apparatus includes a chassis base, a printed circuit board mounted on the chassis base, a heatsink positioned over the printed circuit board to prevent corrosion of components on the printed circuit board, wherein the heatsink comprises a plurality of upward extending fins and a plurality of downward extending walls, a seal interposed between an edge of the downward extending walls and the chassis base, and a cover extending over the heatsink.