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(54) **STERILE BATTERY CHARGING DEVICE**

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ABSTRACT

A sterile battery charging device and assembly for charging within a sterile field. The battery charging assembly includes a base unit having a first interface and a second interface. The assembly additionally includes a high capacity battery connectable to the first interface and a low capacity battery connectable to the second interface. The base unit retrieves power from the high capacity battery and transmits power to the low capacity battery. The high capacity battery and the low capacity battery are interchangeably connectable to the base unit.

