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POWER DISTRIBUTION BOX**(71) Applicant: **MILWAUKEE ELECTRIC TOOL
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WI (US)(21) Appl. No.: **17/815,093**(22) Filed: **Jul. 26, 2022****Related U.S. Application Data**(63) Continuation of application No. 15/340,574, filed on
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ABSTRACT

Systems and methods for configuring, with an external device, a power distribution box having priority disconnects. The power distribution box includes a housing portion and a base portion elevating the housing portion. The power distribution box receives power from an external power source and distributes the power to a plurality of alternating current (AC) output receptacles. The power distribution box further includes an antenna and a power disconnect controller coupled to the antenna to communicate with and be configured by an external device, such as a smart phone, tablet, or laptop computer. Using the external device, a user can configure the priority level and mode of the AC output receptacles. In the case of high current, the power distribution box will disconnect receptacles in accordance with the priority level and mode configuration provided by the external device.

