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(54) **MODULAR PORTABLE POWER SYSTEM FOR SMALL APPLIANCE APPLICATIONS**

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(57) **ABSTRACT**

A portable power charger is provided for charging a small appliance or an electronic device from a rechargeable battery internally disposed within the charger. An attachment system is also provided for connecting the electronic device to the portable charger and maintaining the connection during charging, whether by wireless or direct charging means. The attachment system ensures that respective wireless transmission components in the portable charger and the electronic device, where available, are properly aligned for optimal and efficient wireless charging. The alignment system can comprise structural feature formed in the charger housing, such as grooves or projections formed on the charger housing to physically attach the portable charger to the small appliance or the electronic device, whereby the connection can be maintained during the exchange of a charge from the portable power charger to the small appliance or electronic device.