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**Lee**

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(54) **MOBILE DEVICE WITH IMPROVED CHARGING CAPABILITY AND CASEMENT STRUCTURE**

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CPC ..... **G06F 1/1626** (2013.01); **H01R 35/04** (2013.01)

(58) **Field of Classification Search**  
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See application file for complete search history.

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(57) **ABSTRACT**

The present invention relates to an apparatus and method offering an improved approach to charging mobile devices, such as an illustrative specialized compact bar code scanner, without need for cumbersome wires or charging cradles, through an innovative casement having an integrally contained, or recessed (flush-mounted) swing-out USB connector which avoids severing or disconnection of wires between the swing-out USB connector and the mobile device over the course of repeated use. The present invention also relates to an improved casement structure for mobile devices and payment processing module encased therein.

**8 Claims, 3 Drawing Sheets**

