

TCT Mobile (US), Inc. et al.

v.

Fundamental Innovation Systems International LLC

IPR2021-00599

U.S. Pat. No. 7,834,586

Patent Owner Demonstrative Exhibits

Grounds of Institution

Claims at Issue	References	Statutory Ground
1-2 and 8-9	Morita and the knowledge of a skilled artisan	35 U.S.C. § 103(a)

Paper 8 (Institution Decision) at 9

Independent Claims at Issue

Apparatus Claims

1. A mobile device, the mobile device configurable for use in a wireless telecommunications network, comprising:

- a Universal Serial Bus (“USB) interface configured to allow reception of a USB cable;
- a charging subsystem, the charging subsystem operably connected to the USB interface V-bus power line;
- the charging subsystem operably connectable to a battery, and configured to charge a battery if a battery is operably connected;
- the charging system further configured to use power from the V-bus power line for the charging of a battery; and,

where the mobile device is configured *to* detect an identification signal at a D+ and a D- data line of the USB interface, the identification signal being different than USB enumeration.

Method Claims

8. A method of charging a battery in a mobile device, the mobile device configurable for use in a wireless telecommunications network, comprising:

- providing a Universal Serial Bus (“USB) interface configured to allow reception of a USB cable, and, receiving power on a V-bus power line at the USB interface;
- providing an operable connection between the power received at the USB interface on the V-bus power line and a charging subsystem;
- having a battery in operable connection to the charging subsystem;
- providing power to the battery using the charger subsystem; and,
- detecting an identification signal at a D+ and a D- data line of the USB interface, the identification signal being different than USB enumeration.

Claim Construction

“Identification Signal”

Patent Owner submits that “Petitioner admits in the parallel district court case that a POSITA would interpret the recited ‘identification signal’ as ‘signal that identifies a power source type.’” Prelim. Resp. 20 (citing Ex. 2010, 40–41; Ex. 2011, 34; Ex. 2012; Ex. 2013, 5).

To the extent necessary, we will apply the District Court construction of “identification signal” as it is undisputed and appears consistent with the intrinsic evidence. After reviewing the evidence and argument presented by

Paper 8 at 11

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