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TCT MOBILE (US), INC.; TCT MOBILE (US) HOLDINGS, INC.;
HUIZHOU TCL MOBILE COMMUNICATION CO. LTD.; AND TCL
COMMUNICATION, INC.,
Petitioners

v.

FUNDAMENTAL INNOVATION SYSTEMS INTERNATIONAL LLC,
Patent Owner

U.S. Patent No. 7,834,586
Issue Date: November 16, 2010
Title: MULTIFUNCTIONAL CHARGER SYSTEM AND METHOD

Case No. IPR2021-_____

**PETITION FOR *INTER PARTES* REVIEW OF
U.S. PATENT 7,834,586
CHALLENGING CLAIMS 1-2 AND 8-9 UNDER 35 U.S.C. §312 AND
37 C.F.R. §42.104**

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1. Claim 1	34

a.	1[Pre]: A mobile device, the mobile device configurable for use in a wireless telecommunications network, comprising:.....	34
b.	1[a]: a Universal Serial Bus (“USB”) interface configured to allow reception of a USB cable;	35
c.	1[b]: a charging subsystem, the charging subsystem operably connected to the USB interface V-bus power line;	39
d.	1[c]: the charging subsystem operably connectable to a battery, and configured to charge a battery if a battery is operably connected;	42
e.	1[d]: the charging system further configured to use power from the V-bus power line for the charging of a battery; and	43
f.	1[e] 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.	45
2.	Claim 2	56
a.	The mobile device of claim 1 wherein the identification signal comprises a voltage level that is applied to at least one data line in the USB connector.....	56
3.	Claim 8	56
a.	8[Pre]: A method of charging a battery in a mobile device, the mobile device configurable for use in a wireless telecommunications network, comprising:	56
b.	8[a] 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;.....	58
c.	8[b] providing an operable connection between the power received at the USB interface on the V-bus power line and a charging subsystem;.....	59

d.	8[c] having a battery in operable connection to the charging subsystem;	59
e.	8[d] providing power to the battery using the charger subsystem; and,.....	60
f.	8[e] detecting an identification signal at a D+ and a D- data line of the USB interface, the identification signal being different than USB enumeration.	60
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