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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. 8,624,550
Issue Date: January 7, 2014
Title: MULTIFUNCTIONAL CHARGER SYSTEM AND METHOD

Case No. IPR2021-____

PETITION FOR *INTER PARTES* REVIEW OF U.S. PATENT 8,624,550 CHALLENGING CLAIMS 1-18 UNDER 35 U.S.C. §312 AND 37 C.F.R. §42.104

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	B.	"abnormal data condition" (claims 4, 6, 7, 13, 15, and 16)						
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		1.						
		1.	a.		An adapter comprising			
			b.	1[b]	a USB V_{BUS} line and a USB communication			
			c.	the V	said adapter configured to supply current on $T_{\rm BUS}$ line without regard to at least one ciated condition specified in a USB fication	43		
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		6.	data d	conditi	ne adapter of claim 5 wherein said abnormal ion is an abnormal data line condition on said I said D— line	53		



7.	Claim 7: The adapter of claim 6 wherein said abnormal data line condition is a logic high signal on each of said D+ and D- lines.				
8.	Claim 8: The adapter of claim 7, wherein each said logic high signal is greater than 2V.				
9.	Claim 9: The adapter of claim 2 wherein said current limit is 500 mA.				
10.	Claim 10:	56			
	a. 10[a]. An adapter comprising	56			
	b. 10[b]. a USB V _{BUS} line and a USB communication path	56			
	c. $10[c]$. said adapter configured to supply current on the V_{BUS} line without regard to at least one USB Specification imposed limit.	56			
11.	Claim 11: The adapter of claim 10, wherein said USB Specification imposed limit is a current limit	57			
12.	Claim 12: The adapter of claim 10, wherein said current is supplied without USB enumeration.	57			
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17.	Claim 17: The adapter of claim 16, wherein each said logic high signal is greater than 2V.				
18.	Claim 18: The adapter of claim 11, wherein said current limit is 500 mA	59			



	В.	Matter Of Claims 1-2, 9, 10-11, And 18 Obvious.					
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			a.	1[a]. An adapter comprising	59		
			b.	$1[b]$ a USB V_{BUS} line and a USB communication path			
			c.	$1[c]$ said adapter configured to supply current on the V_{BUS} line without regard to at least one associated condition specified in a USB specification	64		
		2.		m 2: The adapter of claim 1, wherein said associated dition is a current limit	67		
		3.		m 9: The adapter of claim 2 wherein said current t is 500 mA.	68		
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			a.	10[a] An adapter comprising	68		
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		6. Claim 18: The adapter of claim 11 wherein said current limit is 500 mA.					
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