Exhibit 1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent of: Finkenzeller

U.S. Patent No.: 8,174,360 Attorney Docket No.: 39843-0130IP1

Issue Date: May 8, 2012 Appl. Serial No.: 10/565,732 PCT Filing Date: July 29, 2004

Title: COMMUNICATION APPARATUS FOR SETTING UP A DATA

CONNECTION BETWEEN INTELLIGENT DEVICES

Mail Stop Patent Board

Patent Trial and Appeal Board U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450

PETITION FOR INTER PARTES REVIEW OF UNITED STATES PATENT NO. 8,174,360 PURSUANT TO 35 U.S.C. §§ 311–319, 37 C.F.R. § 42



Attorney Docket No. 39843-0130IP1 IPR of U.S. Patent No. 8,174,360

TABLE OF CONTENTS

I.	KE	QUIREMENTS FOR IPR	I	
	A.	Grounds for Standing	1	
		Challenge and Relief Requested		
II.	SU	MMARY OF THE '360 PATENT	2	
	A.	Brief Description	2	
		Prosecution History		
III.	LE	VEL OF ORDINARY SKILL	5	
IV.	CLAIM CONSTRUCTION			
V.	DE	ETAILED EXPLANATION OF GROUNDS	6	
		GROUND 1: Naruse in view of Nishikawa renders obvious claim 1		
		1. Overview of Naruse		
		2. Overview of Nishikawa		
		3. The Predictable Naruse-Nishikawa Combination		
		4. Application of the Naruse-Nishikawa combination to Claim 1		
	В.	11		
	_,	claims 2-7 and 17	.18	
		1. Overview of Cole		
		2. The Predictable Naruse-Nishikawa-Cole Combination		
		3. Application of the Naruse-Nishikawa-Cole combination to Clair		
		2-7 and 16-17		
	C.	GROUND 3: Naruse in view of Nishikawa and Rodenbeck renders		
		obvious claims 8-9	.42	
		1. Overview of Rodenbeck		
		2. The Predictable Naruse-Nishikawa-Rodenbeck Combination		
		3. Application of the Naruse-Nishikawa-Rodenbeck combination t		
		11	.49	
	D.			
		renders obvious claims 10-12	.53	
		1. Overview of Plonsky		
		2. The Predictable Naruse-Nishikawa-Rodenbeck-Plonsky		
		Combination	.57	
		3. Application of the Naruse-Nishikawa-Rodenbeck-Plonsky		
		combination to claims 10-12	.60	
		-		



Case 6:21-cv-01101-ADA Document 34-1 Filed 06/09/22 Page 4 of 92

Attorney Docket No. 39843-0130IP1 IPR of U.S. Patent No. 8,174,360

	E. GROUND 5: Naruse in view of Nishikawa and Clark renders obviou			
		claims 13-14	65	
		1. Overview of Clark	65	
		2. The Predictable Naruse-Nishikawa-Clark Combination	68	
		3. Application of the Naruse-Nishikawa-Clark combination to a 13-14		
	F.	GROUND 6: Naruse anticipates claim 15		
		GROUND 7: Naruse in view of Cole renders obvious claim 16		
VI.	DIS	SCRETIONARY DENIAL IS NEITHER APPROPRIATE NOR		
, 1,		UITABLE	76	
VII.	CONCLUSION80			
VIII.	FE	ES	80	
IX.	X. MANDATORY NOTICES UNDER 37 C.F.R § 42.8(a)(1)		80	
	A.	Real Party-In-Interest Under 37 C.F.R. § 42.8(b)(1)	80	
	B.	Related Matters Under 37 C.F.R. § 42.8(b)(2)	80	
	C.	Lead And Back-Up Counsel Under 37 C.F.R. § 42.8(b)(3)	80	
	D.	Service Information	81	



Case 6:21-cv-01101-ADA Document 34-1 Filed 06/09/22 Page 5 of 92

Attorney Docket No. 39843-0130IP1 IPR of U.S. Patent No. 8,174,360

EXHIBITS

EX1001	U.S. Patent No. 8,174,360 to Finkenzeller ("the '360 patent")
EX1002	Prosecution History of the '360 Patent ("the Prosecution History")
EX1003	Declaration of Emmanouil M. Tentzeris, Ph.D.
EX1004	Certified English Translation of JP Patent Pub. No. 2001/243431 to Naruse et al. ("Naruse")
EX1005	U.S. Patent No. 6,144,299 to Cole ("Cole")
EX1006	Corrected FIG. 3 from Cole
EX1007	U.S. Patent No. 6,535,136 to Rodenbeck et al. ("Rodenbeck")
EX1008	Certified English Translation of JP Patent Pub. No. 2001/283162 to Nishikawa et. al. ("Nishikawa")
EX1009	U.S. Patent No. 5,049,857 to Plonsky ("Plonsky")
EX1010	EP Patent Pub. No. 0 052 933 B1 to Clark ("Clark")
EX1011	JP Patent Pub. No. 2001/243431 to Naruse et al. ("Naruse")
EX1012	JP Patent Pub. No. 2001/283162 to Nishikawa et. al. ("Nishikawa")
EX1013	Klaus Finkenzeller, RFID Handbook (Rachel Waddington, trans., John Wiley & Son, Ltd. 1st ed. 1999)
EX1014	ISO/IEC 14443-3 Identification Cards - Contactless Integrated Circuit(s) Cards - Proximity Cards - Part 3: Initialization and Anticollision (Feb. 1, 2001)



DOCKET

Explore Litigation Insights



Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time** alerts and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.

