UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

ADOBE INC. Petitioner

v.

SYNKLOUD TECHNOLOGIES, LLC Patent Owner

Patent No. 9,239,686

DECLARATION OF JON WEISSMAN, PH.D.

REGARDING U.S. PATENT NO. 9,239,686 (CLAIMS 12-20)



I.	Back	ground and Qualifications1				
II.	Mate	rials Considered				
III.	Lega	1 Standards for Patentability				
IV.	The '686 Patent					
	A.	Effective Filing Date of the '686 Patent				
	B.	Overview of the '686 Patent				
	C.	Prosecution History of the '686 Patent				
	D.	Claims of the '686 Patent				
V.	State of the Art in 2003					
	A.	Level of Ordinary Skill in the Art				
	B.	General Knowledge of a Person of Ordinary Skill in the Art				
		1.	Network Communication Protocols	26		
		2.	Caching on Wireless Devices	31		
		3.	Uniform Resource Locators (URLs)	33		
		4.	Remote Storage Systems for Wireless Devices	35		
		5.	Wireless Application Protocol (WAP) and Wireless Markup Language (WML) for Mobile Browsers			
VI.	Claim Construction			41		
	A.	"cached in the first wireless device"				
VII.	Overview of Prior Art References					
	A.	Overview of Prust4				
	B.	Overview of Nomoto5				
	C.	Overview of Jewett6				
	D.	Overview of Major				
	E.	Overview of Kraft				
	F.	Overview of McCown				
VIII.	The Challenged Claims Are Rendered Obvious by Prust As a Primary Reference					
	Α.					



(continued)

B.	Clair	n 13		102		
C.	Clair	n 14		110		
D.	Clair	n 15		115		
E.	Clair	n 16		115		
F.	Clair	n 17		116		
G.	Clair	n 18		117		
H.	Clair	n 19		118		
I.	Clair	m 20		119		
J.	Moti	Motivation to Combine Prior Art References				
	1.		686 Patent, Prust, Jewett, Major, Kraft, and McCown Analogous References	121		
	2.	Moti	vation to Combine Prust with Jewett	124		
		a)	Prust and Jewett Address Similar Technology and Functionality	124		
		b)	A POSITA Would Have Recognized the Benefits of Combining Prust with Jewett	126		
		c)	A POSITA Would Have Recognized That Prust Could Be Combined with the Teachings of Jewett	127		
	3.	Motivation to Combine Prust with Major				
		a)	Prust and Major Address Similar Technology and Functionality	129		
		b)	A POSITA Would Have Recognized the Benefits of Combining Prust with Major	130		
		c)	A POSITA Would Have Recognized That Prust Could Be Modified to Employ Major's Caching Browser	132		
	4.	Moti	vation to Combine Prust with Kraft	133		
		a)	Prust and Kraft Address Similar Technology and Functionality	133		



(continued)

			b)	A POSITA Would Have Recognized the Benefits of Combining Prust with Kraft	135	
			c)	A POSITA Would Have Recognized That Prust Could Be Modified to Employ Kraft's Copy-and- Paste Functionality	136	
		5.	Motiv	vation to Combine Prust with McCown	138	
			a)	Prust and McCown Address Similar Technology and Functionality	139	
			b)	A POSITA Would Have Recognized the Benefits of Combining Prust with McCown	140	
			c)	A POSITA Would Have Recognized That Prust Could Be Combined with the Teachings of McCown	142	
IX.			_	laims Are Rendered Obvious by Nomoto As a Primary	142	
	A.	Claim	n 12		142	
	B.	Claim	ı 13		164	
	C.	Clain	ı 14		172	
	D.	Clain	ı 15		177	
	E.	Clain	ı 16		178	
	F.	Claim 17				
	G.	Claim 18				
	H.	Claim 19				
	I.	Clain	n 20		182	
	J.	Motivation to Combine Prior Art References				
		1.		686 Patent, Nomoto, Jewett, Major, Kraft, and own Are Analogous References	183	
		2.	Motiv	vation to Combine Nomoto with Jewett	186	
			a)	Nomoto and Jewett Address Similar Technology and Functionality	187	



(continued)

		b)	A POSITA Would Have Recognized the Benefits of Combining Nomoto with Jewett	188
		c)	A POSITA Would Have Recognized That Nomoto Could Be Combined with the Teachings of Jewett	189
	3.	Motiv	vation to Combine Nomoto with Major	191
		a)	Nomoto and Major Address Similar Technology and Functionality	191
		b)	A POSITA Would Have Recognized the Benefits of Combining Nomoto with Major	192
		c)	A POSITA Would Have Recognized That Nomoto Could Be Modified to Employ Major's Web Caching Functionality	195
	4.	Motiv	vation to Combine Nomoto with Kraft	197
		a)	Nomoto and Kraft Address Similar Technology and Functionality	197
		b)	A POSITA Would Have Recognized the Benefits of Combining Nomoto with Kraft	198
		c)	A POSITA Would Have Recognized That Nomoto Could Be Modified to Employ Kraft's Copy-and-Paste Functionality	199
	5.	Motiv	vation to Combine Nomoto with McCown	201
		a)	Nomoto and McCown Address Similar Technology and Functionality	202
		b)	A POSITA Would Have Recognized the Benefits of Combining Nomoto with McCown	203
		c)	A POSITA Would Have Recognized That Nomoto Could Be Combined with the Teachings of McCown	205
X.	Conclusion	•••••		206



DOCKET A L A R M

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.

