

STARBUCKS CORPORATION
Petitioner

V.

AMERANTH, INC. Patent Owner

CASE: CBM2015-00091 Patent No. 6,384,850 B1

CASE: CBM2015-00099 Patent No. No. 6,871,325

DECLARATION OF ABDELSALAM HELAL, PH.D.
IN SUPPORT OF PETITIONER REPLIES TO PATENT OWNER
RESPONSES



TABLE OF CONTENTS

Page

I.	Introduction						
II.	Summary of Opinions						
	A.	Opir	pinions Concerning the '850 Patent				
	B.	Opir	nions Concerning the '325 Patent				
III.	Leve	el of O	ordinary Skill in the Art				
IV.	Claim Construction						
	A.	"Hospitality Applications"					
	B.	Othe	Other Terms				
		1.	Wireless Handheld Computing Device	11			
		2.	Central Database	11			
		3.	Web Page	12			
		4.	Web Server	12			
		5.	Communications Control Module	12			
		6.	Synchronized	13			
		7.	Application Program Interface	13			
		8.	Outside Applications	13			
		9.	Integration	13			
		10.	Single Point of Entry for All Hospitality Applications	14			
		11.	Automatic	14			
		12.	Wherein the communications control module is an interface between the hospitality applications and any				
		13.	other communications protocol				
V.	Rebuttals to Arguments Raised by Patent Owner / Dr. Weaver						
	A.	Com	Common Limitations Between Challenged Claims of '850 Patent & '325 Patent				
		1.	Hospitality Applications				



TABLE OF CONTENTS

(continued)

Page

	2.	Central Database Containing Hospitality Applications and Data				
		a. Brandt's Disclosures of a Central Database	.19			
		b. The Central Database in the Brandt-Demers- Alonso Combination	.22			
	3.	Web Pages Storing Hospitality Applications and Data				
	4.	Handheld Devices Storing Hospitality Applications and Data				
	5.	Synchronization of the Hospitality Applications and Data35				
	6.	An API that Enables Integration With Outside Applications				
	7.	Communications Control Module ("CCM")				
		a. Brandt's Disclosure of the Required CCM				
		b. The CCM in the Brandt-Demers-Alonso Combination	.50			
B.	Limitations Unique to '850 Patent					
	1.	'850 Patent, Claim 13 – "Single Point of Entry"	.53			
	2.	'850 Patent, Claims 14 & 15 – "Automatic" Communication				
	3.	'850 Patent, Claim 16 – "Digital Data Transmission"				
C.	Limitations Unique to the '325 Patent					
C.	1.	Synchronized Data Relates to "Orders" ('325 Patent, Claim 11), "Waitlists" ('325 Patent, Claim 12), "Reservations" ('325 Patent, Claim 13)				
	2.	Data Sent to Wireless Paging Device ('325 Patent, Claim 15)				
D.	Secondary Considerations					
	1.	Patent Owner Did Not Invent "Synchronization, Integration, and Consistency"	.62			



TABLE OF CONTENTS

(continued)

Page

	2.	Lack	of Nexus to the Challenged Claims	64
		a.	The 21st Century Restaurant "Screen Shots"	66
		b.	The 21st Century Restaurant Brochure (Ex. 2047)	67
		c.	The Microsoft Case Studies	72
		d.	Computerworld Case Study	78
	3.	Licer	asing of the '850 and '325 Patents	79
	4.	Lack	of Commercial Success	80
	5.	Purpo	orted Technology Awards	82
	6.	Purpo	orted Industry Praise	88
	7.	No E	vidence of Copying	91
		a.	Patent Owner Did Not Invent Online Ordering or Ordering from a Wireless Handheld Device	92
		b.	No Evidence of Copying by Starbucks	93
		c.	No Evidence of Copying by Pizza Companies	98
		d.	No Evidence of Copying by Micros	99
		e.	No Evidence of Copying by Agilisys	100
		f.	No evidence of Copying by Marriott or Hyatt	100
	8.	No E	vidence of Failure by Others	101
	9.	Conc	lusion Regarding Secondary Considerations	103
VI.	Concluding	Rema	rks	105



I. INTRODUCTION

- 1. My name is Abdelsalam Helal. I am a Professor in the Computer and Information Science and Engineering Department at the University of Florida (1998 present) and was a Finland Distinguished Professor at Aalto University, Finland (2011 2013).
- 2. I have been engaged by Starbucks Corp. ("Starbucks") to investigate and opine on certain issues relating to U.S. Patent No. 6,384,850 (the "'850 patent") and U.S. Patent No. 6,871,325 (the "'325 patent"), both of which are being asserted against Petitioner Starbucks in a patent infringement lawsuit, *Ameranth, Inc. v. Starbucks Corp.*, No. 13CV1072 DMS (WVG), filed in the U.S. District Court, Southern District of California, on May 6, 2013.
- 3. I previously provided a declaration in support of Starbucks' Petition for CBM Review on the '850 patent which was filed on March 2, 2015 ("'850 Petition"). My 2015 declaration is Exhibit 1003 in the '850 case (CBM2015-00091). My 2015 declaration provides an explanation of my credentials and experience, a discussion of the technology relevant to the '850 patent, and my opinions with respect to the '850 patent.
- 4. I also previously provided a declaration in support of Starbucks' Petition for CBM Review of the '325 patent which was filed on March 6, 2015. My 2015 declaration is Exhibit 1003 in the '325 case (CBM2015-00099). My



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.

