PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE	:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT	
CONVEYING PART	Y DATA			
		Name	Execution Date	
Marc J. Krochmal		09/09/2013		
Christopher J. Edm	onds	08/23/2013		
Christopher C. Jensen			08/21/2013	
Augustin Prats			09/24/2013	
RECEIVING PARTY	' DATA			
Name:	Apple Inc.]	
Street Address:	1 Infinite Loop			
City:				
State/Country:				
Postal Code: 95014				
PROPERTY NUMBI	ERS Total: 1			
Property Type		Number		
Application Numbe	r:	14037272		
CORRESPONDENC				
Fax Number:	4083413	098		
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Correspondence will			ISUCCESSIUI.	
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Correspondence with Phone: Email: Correspondent Nam Address Line 1: Address Line 2:	408.341. pthomps e: WOMBL 10050 N Attn: Mic Cupertin	.3000 on@wcsr.com E CARLYLE SANDRIDGE & R orth Wolfe Road, Suite 260 chael J. Ferrazano	RICE LLP	
<i>Correspondence will</i> Phone: Email: Correspondent Nam Address Line 1: Address Line 2: Address Line 4:	408.341. pthomps ne: WOMBL 10050 N Attn: Mic Cupertin	3000 on@wcsr.com E CARLYLE SANDRIDGE & R orth Wolfe Road, Suite 260 shael J. Ferrazano o, CALIFORNIA 95014	RICE LLP	
Correspondence with Phone: Email: Correspondent Nam Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKE	408.341. pthomps ne: WOMBL 10050 N Attn: Mic Cupertin	3000 on@wcsr.com E CARLYLE SANDRIDGE & R orth Wolfe Road, Suite 260 thael J. Ferrazano o, CALIFORNIA 95014 P19560US1/17740US	RICE LLP .1	

Date:	09/26/2013		
Total Attachments: 4 source=P19560US1_17740US1_Assignment#page1.tif source=P19560US1_17740US1_Assignment#page2.tif source=P19560US1_17740US1_Assignment#page3.tif source=P19560US1_17740US1_Assignment#page4.tif			

Whereas I, an undersigned inventor, have invented certain new and useful improvements as set forth in the patent application entitled:

DISCOVERY OF NEARBY DEVICES FOR FILE TRANSFER AND OTHER **COMMUNICATIONS**

(Atty, Docket No. P19560US1/17740US.1), (check one)

for which I have executed a U.S. patent application on even date herewith. (Accompanying) which bears U.S. application No.14/037,272. (Not accompanying)] which is a U.S. provisional application. (Accompanying)

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, an undersigned inventor, hereby:

Sell, assign and transfer to Apple Inc., a California corporation having a place of business at 1) 1 Infinite Loop, Cupertino, CA 95014 ("ASSIGNEE"), the entire right, title and interest in any and all improvements and inventions disclosed in, applications based upon, and patents granted upon (including foreign patents and the right to claim priority), the above-referenced application.

2) Authorize and request the Commissioner of Patents to issue any and all United States Patents resulting from said application or any division, continuation, substitute, renewal, re-examination or reissue thereof to the ASSIGNEE.

Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, 3) perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.

Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of 4} the ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon the inventor, as well as the inventor's heirs, legal representatives and assigns.

Warrant and represent that I have not entered and will not enter into any assignment, 5} contract, or understanding that conflicts with this assignment.

6) Authorize and request my attorney/agent to insert above the application No. in order to assist with recordal of this assignment.

Signed on the date indicated beside my signature.

Signature: Typed Name:

Date: 9/9/13

Page 1 of 11

PATENT REEL: 031293 FRAME: 0273

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Signed on the date indicated beside my signature.

Signature: Typed Name: Christopher 1/ Edmonds

Date: 08.23.13

Page 1 of 1!

PATENT REEL: 031293 FRAME: 0274

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Signed on the date indicated beside my signature.

<u> April 13</u> Date: 8/21/13

Signature: Typed Name:

Christopher C. Jensen

Atty Docket No.: P19560US1/17740US.1

Page 1 of 11

PATENT REEL: 031293 FRAME: 0275

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Signed on the date indicated beside my signature.

Signature: Typed Name:

Augustin Prais

____ Date: <u>09/24/13</u>

Atty Docket No.: P19560US1/17740US.1

RECORDED: 09/26/2013