PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Charles J. Migos	07/31/2012
Jay Christopher Capela	07/31/2012
Markus Hagele	07/31/2012
Alexander C. MacLean	07/31/2012
M. Frank Emanuel	07/31/2012
Mac Murrett	08/08/2012
Paul Elseth	08/13/2012
Kevin Smyth	07/26/2012

RECEIVING PARTY DATA

Name:	Apple Inc.	
Street Address:	1 Infinite Loop	
City:	Cupertino	
State/Country:	CALIFORNIA	
Postal Code:	95014	

PROPERTY NUMBERS Total: 1

Property Type	ty Type Number	
Application Number:	13588257	

CORRESPONDENCE DATA

6175428906 Fax Number: 617-542-5070 Phone: Email: apsi@fr.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

502032106

Correspondent Name: Frank L. Gerratana Address Line 1: One Marina Park Drive Address Line 2: Fish & Richardson

Address Line 4: Boston, MASSACHUSETTS 02210

PATENT

REEL: 028821 FRAME: 0677

ATTORNEY DOCKET NUMBER:	18962-0459001/P12320US1
NAME OF SUBMITTER:	Sherry L. Hunt
Total Attachments: 9	
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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS, Charles J. Migos, Jay Christopher Capela, Markus Hagele, Alexander C. MacLean, M. Frank Emanuel, Mac Murrett, Paul Elseth, Kevin Smyth, hereby sell, assign, and transfer to Apple Inc. (CALIFORNIA corporation), having offices located at 1 Infinite Loop, Cupertino, California 95014-2094, and its successors, assigns and legal representatives (collectively, "ASSIGNEE") all of the right, title and interest of ASSIGNORS throughout the world in and to any and all inventions and improvements which are the subject of a patent document entitled

CREATING AND VIEWING DIGITAL NOTE CARDS

(a)		U.S. patent application executed	d on, entitled as above, listing the above named persons as Inventors.
(b)		U.S. patent application filed on ☐ under Application No. ☐ with Express Mail No.	(Application Number not yet known).
(c)	П	U.S. Patent No.:. issued	

and which is found in

An attorney of record, or the attorney filing the application, is authorized and requested by the execution of this assignment to insert into this assignment the execution date of the application and/or the filing date and serial number of the application when officially known.

This assignment includes the foregoing patent application or patent; all legal equivalents thereof in any foreign country and all patents issuing therefrom; all United States and foreign patents, utility models, and design registrations granted for any of said inventions and improvements; and the right to claim priority based on the filling date of the foregoing patent application or patent under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes. ASSIGNORS authorize ASSIGNEE to apply in all countries in the name of ASSIGNORS or in the name of ASSIGNEE for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements.

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into that would conflict with this assignment.

ASSIGNORS further covenant for themselves and their respective heirs, legal representatives and assigns to provide to ASSIGNEE promptly upon the request of ASSIGNEE all pertinent facts and documents relating to said invention and said patents and legal equivalents as may be known and accessible to ASSIGNORS and to testify as to the same in any interference, litigation, or proceeding relating thereto and promptly to execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said application, said inventions and improvements and said patents and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

ASSIGNORS request the Commissioner of Patents and Trademarks to issue said patents of the United States and any reissue or extension thereof to the ASSIGNEE.

Executed this	Signature of Inventor
31 day of July 20/	2 Charles J. Migos
Executed this	Signature of Inventor
3\ day of \(\sum_{-\forall_{7}} \).20_	Jay Christopher Capela
Executed this	Signature of Inventor
31 day of JULY , 201	2 M. Hygun Markus Hagele
Executed this 31 day of July 2016	Signature of Inventor
	Alexander C. MacLean
Executed this	Signature of Inventor
31 day of JULY 201	M. Frank Emanuel
Executed this	Signature of Inventor
day of 20	Mac Murrett

Executed this			Signature of inventor
day of		<u>,</u> 20	Paul Elseth
Executed this			Signature of Inventor
26_day of	July	, 20 <u>12</u>	Kevin Smyth

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Executed this			Signature of Inventor
day of		20	Charles J. Migos
Executed this			Signature of Inventor
day of		<u>.</u> 20	Jay Christopher Capela
Executed this			Signature of Inventor
day of		. 20	Markus Hagele
Executed this			Signature of Inventor
day of	- The second sec	20	Alexander C. MacLean
Executed this			Signature of Inventor
day of		20	M. Frank Emanuel
Executed this Chapter of the day of	Aug.st.	2012	Signature of Inventor Mac Murrett

Executed this	Signature of Inventor
day of 20	Paul Elseth
Executed this	Signature of Inventor
day of20	Kevin Smyth

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Executed this		Signature of Inventor
day of	<u>. 20 - </u>	Charles J. Migos
Executed this		Signature of inventor
day of	20	Jay Christopher Capela
Executed this		Signature of Inventor
day of	20	Markus Hagele
Executed this		Signature of Inventor
day of		Alexander C, MacLean
Executed this		Signature of Inventor
day of	20	M. Frank Emanuel
Executed this		Signature of Inventor
day of		Mac Murrett

Executed this	Signature of Inventor	
	Paul Elsyth	
Executed this	Signature of Inventor	

Kevin Smyth

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PATENT REEL: 028821 FRAME: 0687

Attorney Docket No.: 18962-0459001/13/231,381

RECORDED: 08/21/2012