503147276 01/22/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT	
CONVEYING PARTY D	٩TA			
		Name	Execution Date	
Benjamin Vigier			01/08/2015	
Corey G. Fugman			12/22/2014	
Filip Krsmanovic			12/16/2014	
Yingfeng Su			12/16/2014	
Mathieu Roig			01/07/2015	
RECEIVING PARTY DA	 TA			
Name:	Apple I	nc.		
Street Address:	1 Infini	te Loop		
City:	Cupert	ino		
State/Country:	CALIF	ORNIA		
Postal Code:	95014-	2094		
Property Type		Number	-	
Application Number:		14592674		
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Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i>		o the e-mail address first; if that is un d; if that is unsuccessful, it will be se		
Fax Number: <i>Correspondence will b</i>		<i>b the e-mail address first; if that is un</i> <i>d; if that is unsuccessful, it will be se</i> (858) 678-5070		
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Fax Number: <i>Correspondence will be using a fax number, if µ</i> Phone: Email:		<i>b the e-mail address first; if that is un</i> <i>d; if that is unsuccessful, it will be se</i> (858) 678-5070 apsi@fr.com		
Fax Number: <i>Correspondence will be using a fax number, if µ</i> Phone: Email: Correspondent Name:		<i>b the e-mail address first; if that is und; if that is unsuccessful, it will be set</i> (858) 678-5070 apsi@fr.com JOHN-PAUL FRYCKMAN		
Fax Number: <i>Correspondence will be using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1:		<i>b the e-mail address first; if that is und; if that is unsuccessful, it will be set</i> (858) 678-5070 apsi@fr.com JOHN-PAUL FRYCKMAN FISH & RICHARDSON P.C.	nt via US Mail.	
Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	orovideo	b the e-mail address first; if that is un d; if that is unsuccessful, it will be set (858) 678-5070 apsi@fr.com JOHN-PAUL FRYCKMAN FISH & RICHARDSON P.C. P.O.BOX 1022 MINNEAPOLIS, MINNESOTA 55440-1	nt via US Mail.	
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Fax Number: <i>Correspondence will be</i> <i>using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET NU	orovideo	b the e-mail address first; if that is un d; if that is unsuccessful, it will be set (858) 678-5070 apsi@fr.com JOHN-PAUL FRYCKMAN FISH & RICHARDSON P.C. P.O.BOX 1022 MINNEAPOLIS, MINNESOTA 55440-1 18962-0871001	nt via US Mail.	
Fax Number: <i>Correspondence will be using a fax number, if p</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET NUNAME OF SUBMITTER:	orovideo	b the e-mail address first; if that is un d; if that is unsuccessful, it will be set (858) 678-5070 apsi@fr.com JOHN-PAUL FRYCKMAN FISH & RICHARDSON P.C. P.O.BOX 1022 MINNEAPOLIS, MINNESOTA 55440-1 18962-0871001 NANCY GRANT	nt via US Mail.	

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For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS, Benjamin Vigier, Corey G. Fugman, Filip Krsmanovic, Yingfeng Su, Mathieu Roig, 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

Scoring Beacon Messages for Mobile Device Wake-Up

and w	hich is for	und in
(a)		U.S. patent application executed on , entitled as above, listing the above named persons as Inventors.
(b)		U.S. patent application filed on January 8, 2015 X under Application No. 14/592,674 X with Express Mail No. (Application Number not yet known).
(C)		U.S. Patent No.;, issued

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 filing 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 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.

Assignment Page 1 of 2

Executed this		Signature of Inventor
8 day of	January 20 15	Benjamin Vigier
Executed this		Signature of Inventor
day of		Corey G. Fugman
Executed this		Signature of Inventor
day of	, 20	Filip Krsmanovic
Executed this		Signature of Inventor
day of	20	Yingfeng Su
Executed this		Signature of Inventor
day of	, 20	Mathieu Roig

Assignment Page 2 of 2

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Assignment Page 1 of 2

Executed this	Signature of Inventor
day of 20	Benjamin Vigier
Executed this	Signature of Inventor
22 day of pec 2019	Corply G. Fugman
Executed this	Signature of Inventor
day of 20	Filip Krsmanovic
Executed this	Signature of Inventor
Executed this day of 20	Signature of Inventor Yingfeng Su

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(c)		U.S. Patent Note, issued

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Assignment Page 1 of 2

Executed this Signature of Inventor _____day of ______20____ Benjamin Vigier Signature of Inventor Executed this _____ day of _____ 20____ Corey G. Fugman Executed this Signature of Inventor 16 day of DECEMBER 2014 Filip Krsmanövic Executed this Signature of Inventor Yingfeng Su _____day of _____20____ Executed this Signature of Inventor _____ day of _____ 20____ Mathieu Roig

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Assignment Page 2 of 2

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Assignment Page 1 of 2

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day of20	Benjamin Vigier
Executed this	Signature of Inventor
day of, 20	Corey G. Fugman
Executed this	Signature of Inventor
day of 20	Filip Krsmanovic
Executed this	Signature of Inventor
16th day of December 2014	Yingfeng Su
Executed this	Signature of Inventor
day of 20	Mathieu Roig

Assignment Page 2 of 2

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day of 20	Filip Krsmanovic
Executed this	Signature of Inventor
day of 20	Yingfeng Su
Executed this	Signature of inventor
7 day of January205	Signature of Inventor Mathieu Roig

Assignment Page 2 of 2

PATENT REEL: 034791 FRAME: 0563

RECORDED: 01/22/2015