

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5456297

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	JOHN NIX	12/29/2017
RECEIVING PARTY DATA		
Name:	M2M AND IOT TECHNOLOGIES, LLC	
Street Address:	807 DAVID STREET	
Internal Address:	UNIT 2207	
City:	EVANSTON	
State/Country:	ILLINOIS	
Postal Code:	60201	
PROPERTY NUMBERS Total: 2		
	Property Type	Number
	Application Number:	16271428
	Application Number:	16271455
CORRESPONDENCE DATA		
Fax Number:	(212)336-8001	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>		
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Email:	ptodocket@arelaw.com, vgilmore@arelaw.com	
Correspondent Name:	AMSTER, ROTHSTEIN & EBENSTEIN LLP	
Address Line 1:	90 PARK AVENUE	
Address Line 4:	NEW YORK, NEW YORK 10016	
ATTORNEY DOCKET NUMBER:	63121/0180-0181	
NAME OF SUBMITTER:	KEITH J. BARKAUS	
SIGNATURE:	/Keith J. Barkaus/	
DATE SIGNED:	04/03/2019	
Total Attachments: 7		
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CONFIRMATORY PATENT ASSIGNMENT AGREEMENT

This Confirmatory Patent Assignment Agreement is made, effective as of the execution of the Assignment of Patent Rights from John Nix, an individual residing at 807 Davis Street, Unit 2207, Evanston, Illinois 60201 ("Nix"), to M2M and IOT Technologies, LLC, an Illinois corporation, with its principal place of business at 807 Davis Street, Unit 2207, Evanston, Illinois 60201 ("M2M"), on February 28, 2014 (the "Effective Date").

WITNESSETH

WHEREAS, on and before the Effective Date, Nix was sole inventor of, with an ownership interest in, the patents and patent applications listed in the attached Exhibit A, as well as other presently existing or subsequently obtained patent rights resulting from any continuation, divisional, continuation-in-part, reexamination, reissue, or other post-grant issuance of such patents and patent applications, and any and all foreign counterparts of such patents and patent applications (collectively, the "Patents").

WHEREAS, on and before the Effective Date, M2M desired to acquire the entire right, title and interest in, to and under the Patents, and the inventions described therein, and each and every Letters Patent that can be issued on the Patents and on said inventions in the United States of America and in its territories and possessions, and in any and all countries foreign to the United States of America.

WHEREAS, the parties now desire to confirm the prior assignment of the Patents from Nix to M2M under the Assignment of Patent Rights executed by Nix on February 28, 2014.

NOW, THEREFORE, in consideration of the mutual promises and covenants between the parties herein contained, and payment by M2M to Nix of good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, it is hereby agreed as follows:

On the Effective Date, Nix sold, assigned, and transferred to M2M and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and its territorial possessions, and in all foreign countries and regions, including all rights to claim priority, in and to the inventions that were invented by and/or owned by Nix, and which are found in the Patents, and any legal equivalents thereof in any foreign country or region, including the right to claim priority, including any and all improvements disclosed therein, and in and to all Letters Patents to be obtained for said inventions, or any continuation, continuation-in-part claiming said inventions or improvements, divisional, renewal, or substitute thereof, and, as

to the Letters Patents, any reissue or re-examination or other post-grant issuance thereof, and further including all income, royalties, damages and payments now or hereafter due or payable in respect to the PATENTS, and all causes of action (either in law or in equity) and the sole right to sue, counterclaim and recover for past, present and future infringement of the PATENTS, or any continuation, continuation-in-part claiming said inventions or improvements, divisional, renewal, or substitute thereof, and, as to the Letters Patents, any reissue or re-examination or other post-grant issuance thereof.

Nix hereby covenants that no assignment, sale, agreement, or encumbrance has been, or will be, made or entered into which would conflict with this Assignment.

Nix authorizes M2M to make applications for, and to receive, Letters Patent for said inventions in any of said countries or regions, in M2M's name, or in Nix's name, at M2M's election.

Nix covenants and agrees to execute or procure any further necessary assurance of the title to said inventions, and any Letters Patent which may issue therefor, and to, at any time, upon the request and at the expense of M2M, deliver any testimony in any interference, litigation, or proceeding related thereto, and to execute all papers that may be necessary or desirable to perfect the title to said inventions, or any Letters Patent which may be granted therefor in M2M, its successors, assigns, or other legal representatives, and to, at any time, upon the request and at the expense of M2M, execute any continuation, continuation-in-part claiming said inventions or improvements, divisional, renewal, or substitute thereof, and, as to Letters Patent, any reissue or re-examination or other post-grant issuance thereof, or any other additional application for Letters Patent for said inventions or any part thereof, in any of said countries or regions, all of which applications and any Letters Patent issuing thereon are hereby assigned to M2M, will make all rightful oaths or declarations, and do all lawful acts requisite for procuring the same therein, without further compensation, but at the expense of M2M, its successors, assigns, or other legal representatives.

Nix authorizes and requests the Commissioner of Patents to issue any and all Letters Patent of the United States for said inventions, resulting from the aforesaid patents and patent applications, to M2M and IOT Technologies, LLC.

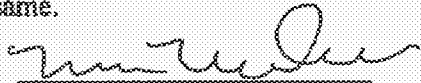
IN WITNESS WHEREOF, intending to be legally bound, the parties have signed this Confirmatory Patent Assignment Agreement on the date indicated adjacent to their respective signatures below.

Dated: December 29, 2017

By: 
John Nix

STATE OF IL)
COUNTY OF COOK) ss.:

On this 29th day of Dec., 2017, before me came John Nix to me known and known to me to be the individual described in, and who executed the foregoing instrument, and he acknowledged to me that he had executed the same.



Notary Public



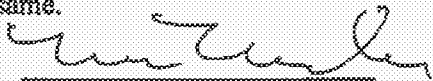
M2M AND IOT TECHNOLOGIES, LLC

Dated: December 29, 2017

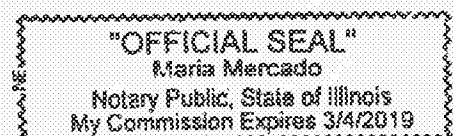
By: 
Name: John Nix
Title: Manager

STATE OF IL)
COUNTY OF COOK) ss.:

On this 29th day of Dec., 2017, before me came John Nix to me known and known to me to be the individual described in, and who executed the foregoing instrument, and he acknowledged to me that he had executed the same.



Notary Public



CONFIRMATORY PATENT ASSIGNMENT AGREEMENT

PATENTS

Issued Patents

	Application No.	Title	Filed	Patent No.	Issued
1	14/023,181	Power Management and Security for Wireless Modules in "Machine-to-Machine" Communications	Sept. 10, 2013	9,350,550	May 24, 2016
2	14/039,401	Secure PKI Communications for "Machine-to-Machine" Modules, Including Key Derivation by Modules and Authenticating Public Keys	Sept. 27, 2013	9,288,059	Mar. 15, 2016
3	14/055,606	Systems and Methods for "Machine-to-Machine" (M2M) Communications between Modules, Servers, and an Application Using Public Key Infrastructure (PKI)	Oct. 16, 2013	9,276,740	Mar. 1, 2016
4	14/064,618	Set of Servers for "Machine-to-Machine" Communications Using Public Key Infrastructure	Oct. 28, 2013	9,118,464	Aug. 25, 2015
5	14/084,141	Key Derivation for a Module Using an Embedded Universal Integrated Circuit Card	Nov. 19, 2013	9,319,223	Apr. 19, 2016
6	14/099,329	Embedded Universal Integrated Circuit Card Supporting Two-Factor Authentication	Dec. 6, 2013	9,100,175	Aug. 4, 2015
7	14/136,711	Module for "Machine-to-Machine" Communications Using Public Key Infrastructure	Dec. 20, 2013	9,300,473	Mar. 29, 2016
8	14/139,419	Network Supporting Two-Factor Authentication for Modules Embedded Universal Integrated Circuit Cards	Dec. 23, 2013	9,351,162	May 24, 2016

9	15/010,905	Systems and Methods for "Machine-to-Machine" (M2M) Communications Between Modules, Servers, and an Application Using Public Key Infrastructure (PKI)	Jan. 29, 2016	9,641,327	May 2, 2017
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Issued Patents (continued)

	Application No.	Title	Filed	Patent No.	Issued
10	14/789,255	Set of Servers for "Machine-to-Machine" Communications Using Public Key Infrastructure	Jul. 1, 2015	9,596,078	Mar. 14, 2017
11	15/162,302	Power Management and Security for Wireless Modules in "Machine-to-Machine" Communications	May 23, 2016	9,698,981	July 4, 2017
12	15/130,146	Key Derivation for a Module Using an Embedded Universal Integrated Circuit Card	Apr. 15, 2016	9,742,562	Aug 22, 2017

U.S. and International Patent Applications

U.S.

	Application No.	Title	Filed	Patent No.	Issued
1	15/642,088	Power Management and Security for Wireless Modules in "Machine-to-Machine" Communications	Jul. 5, 2017		
2	15/043,293	Secure PKI Communications for "Machine-to-Machine" Modules, Including Key Derivation by Modules and Authenticating Public Keys	Feb. 12, 2016		
3	15/583,968	Systems and Methods for "Machine-to-Machine" (M2M) Communications between Modules, Servers, and an Application Using Public Key Infrastructure (PKI)	May 1, 2017		
4	15/457,700	Set of Servers for "Machine-to-Machine" Communications Using Public Key Infrastructure	Mar. 13, 2017		
5	14/751,119	Embedded Universal Integrated Circuit Card Supporting Two-Factor Authentication	Jun. 25, 2015		
6	15/162,292	Network Supporting Two-Factor Authentication for Modules Embedded Universal Integrated Circuit Cards	May 23, 2016		
7	15/680,758	Key Derivation for a Module Using an Embedded Universal Integrated Circuit Card	Aug. 18, 2017		

US and International Patent Applications (continued)

International

	Application No.	Title	Filed	Patent No.	Issued
1	PCT/US14/62435	Set of Servers for "Machine-to-Machine" Communications Using Public Key Infrastructure	Oct. 27, 2014		
2	PCT/US14/68544	Embedded Universal Integrated Circuit Card Supporting Two-Factor Authentication	Dec. 4, 2014		
3	AU 2014342646 (Australia)	Set of Servers for "Machine-to-Machine" Communications Using Public Key Infrastructure	Oct. 27, 2014		
4	GB 1608573.0 (United Kingdom)	Set of Servers for "Machine-to-Machine" Communications Using Public Key Infrastructure	Oct. 27, 2014		
5	2,965,119 (Canada)	Set of Servers for "Machine-to-Machine" Communications Using Public Key Infrastructure	Oct. 27, 2014		
6	17101082.8 (Hong Kong)	Set of Servers for "Machine-to-Machine" Communications Using Public Key Infrastructure	[TBD]		
7	14868381.6 (EPO)	Embedded Universal Integrated Circuit Card Supporting Two-Factor Authentication	Dec. 4, 2014		
8	2,969,829 (Canada)	Embedded Universal Integrated Circuit Card Supporting Two-Factor Authentication	Dec. 4, 2017		
9	17106540.3 (Hong Kong)	Embedded Universal Integrated Circuit Card Supporting Two-Factor Authentication	Jun. 30, 2017		

PATENT

RECORDED: 04/03/2019

REEL: 048784 FRAME: 0258