

## PATENT ASSIGNMENT COVER SHEET

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<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
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<b>DATE SIGNED:</b>	01/07/2022
<b>Total Attachments: 5</b>	
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## Assignment of Patents

This Patent Assignment Agreement (this "Assignment") is made effective as of February 11, 2019 by and between

Assignor:

John Nix  
807 Davis Street, Unit 2207  
Evanston, Illinois 60201

and Assignee:

IOT and M2M Technologies, LLC  
807 Davis Street, Unit 2207  
Evanston, Illinois 60201

WHEREAS, Assignor desires to assign to Assignee all of its right, title, and interest in and to all of the patents and patent applications listed in the attached Schedule A, as well as other presently existing or subsequently obtained patent rights resulting from any continuation, divisional, continuation-in-part directed to subject matter specifically described in the applications listed in Schedule A, reexamination, reissue, or other post-grant issuance of such patents and patent applications, and any legal equivalents thereof in any foreign country or region, including the right to claim priority, including any and all improvements disclosed therein (collectively, the "Patents").

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are acknowledged, Assignor hereby sells, assigns, and transfers to Assignee all right, title, and interest in and to the Patents.

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

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

(signature page follows)



Schedule A

Patents and Patent Applications

U.S. Provisional Patent Application No.: 62/664,057  
Title: HOSTED DEVICE PROVISIONING PROTOCOL WITH SERVERS AND A NETWORKED INITIATOR  
Filed: April 27, 2018  
Inventors: John A. Nix  
Attorney Reference: MBHB 18-617-PRO

**U.S. Patent No.: 10,169,587**  
U.S. Patent Application No.: 16/033,996  
Issue Date: January 1, 2019  
Title: HOSTED DEVICE PROVISIONING PROTOCOL WITH SERVERS AND A NETWORKED INITIATOR  
Filed: July 12, 2018  
Priority: U.S. Provisional Patent Application No.: 62/664,057  
Inventors: John A. Nix  
Attorney Reference: MBHB 18-617-US

U.S. Patent Application No.: 16/186,150  
Title: HOSTED DEVICE PROVISIONING PROTOCOL WITH SERVERS AND A NETWORKED INITIATOR  
Filed: November 9, 2018  
Priority: U.S. Provisional Patent Application No.: 16/033,996  
Inventors: John A. Nix  
Attorney Reference: MBHB 18-617-US-CON

U.S. Provisional Patent Application No.: 62/672,977  
Title: HOSTED DEVICE PROVISIONING PROTOCOL WITH SERVERS AND A NETWORKED RESPONDER  
Filed: May 17, 2018  
Inventors: John A. Nix  
Attorney Reference: MBHB 18-720-PRO

U.S. Provisional Patent Application No.: 62/644,195  
Title: CONFIGURATION SYSTEMS AND METHODS FOR SECURE OPERATION OF NETWORKED TRANSDUCERS  
Filed: March 16, 2018  
Inventors: John A. Nix  
Attorney Reference: MBHB 18-403-PRO

U.S. Provisional Patent Application No.: 62/653,785  
Title: DEVICE DEFAULT WIFI CREDENTIALS FOR SIMPLIFIED AND SECURE CONFIGURATION OF NETWORKED TRANSDUCERS  
Filed: April 6, 2018  
Inventors: John A. Nix  
Attorney Reference: MBHB 18-508-PRO

U.S. Patent Application No. 62/165,317  
Title: CRYPTOGRAPHIC UNIT FOR PUBLIC KEY INFRASTRUCTURE (PKI)  
OPERATIONS  
Filed: May 22, 2015  
Inventors: John A. Nix  
Attorney Reference: MBHB 15-836-PRO

International Patent Application No. PCT/US2016/033096  
Title: CRYPTOGRAPHIC UNIT FOR PUBLIC KEY INFRASTRUCTURE (PKI)  
OPERATIONS  
International Filing Date: May 18, 2016  
Priority: US 62/165,317 filed May 22, 2015  
Applicant/Inventor: John A. Nix  
Attorney Reference: MBHB 15-836-WO

European Patent Application No. 16 800 509.8  
Title: CRYPTOGRAPHIC UNIT FOR PUBLIC KEY INFRASTRUCTURE (PKI)  
OPERATIONS  
Filing Date: April 5, 2018  
Priority: PCT/US2016/033096 filed May 18, 2016  
Applicant: John A. Nix  
Attorney Reference: EP117100PE239SUH

Canada Patent Application No. 3,018,526  
Title: CRYPTOGRAPHIC UNIT FOR PUBLIC KEY INFRASTRUCTURE (PKI)  
OPERATIONS  
Filing Date: May 18, 2016 (Canada date is PCT filing date)  
Priority: PCT/US2016/033096 file May 18, 2016  
Applicant: John A. Nix  
Attorney Reference: HA-P2535CA

U.S. Patent Application No. 15/575,908  
Title: CRYPTOGRAPHIC UNIT FOR PUBLIC KEY INFRASTRUCTURE (PKI)  
OPERATIONS  
Filed: November 21, 2017  
Priority: PCT/US2016/033096 filed May 18, 2016  
Inventors: John A. Nix  
Attorney Reference.: MBHB 15-836-WO-US

**U.S. Patent No.: 10,204,223**  
Issue Date: February 12, 2019  
U.S. Patent Application No.: 16/041,397  
Title: CRYPTOGRAPHIC UNIT FOR PUBLIC KEY INFRASTRUCTURE (PKI)  
OPERATIONS  
Filed: July 20, 2018  
Priority: U.S. Patent Application No. 15/575,908 filed Nov. 21, 2017  
Inventors: John A. Nix  
Attorney Reference: MBHB 15-836-US-CON

U.S. Patent Application No.: 16/194,842  
Filed: November 19, 2018  
Title: CRYPTOGRAPHIC UNIT FOR PUBLIC KEY INFRASTRUCTURE (PKI) OPERATIONS  
Priority: U.S. Patent Application No. 16/041,397 filed July 20, 2018  
Filed: Nov. 21, 2017  
Inventors: John A. Nix  
Attorney Reference.: MBHB 15-836-US-CON2

U.S. Provisional Patent Application No.: 62/691,255  
Title: ECDHE KEY EXCHANGE FOR MUTUAL AUTHENTICATION USING A KEY SERVER  
Filed: June 28, 2018  
Inventors: John A. Nix  
Attorney Reference: MBHB 18-929-PRO

U.S. Provisional Patent Application No.: 62/687,411  
Title: ECDHE KEY EXCHANGE FOR SERVER AUTHENTICATION AND A KEY SERVER  
Filed: June 20, 2018  
Inventors: John A. Nix  
Attorney Reference: MBHB 18-914-PRO

U.S. Provisional Patent Application No.: 62/769,671  
Title: MUTUALLY AUTHENTICATED ECDHE KEY EXCHANGE FOR A DEVICE AND A NETWORK USING MULTIPLE PKI KEY PAIRS  
Filed: November 20, 2018  
Inventors: John A. Nix  
Attorney Reference.: MBHB 18-1932-PRO

U.S. Provisional Patent Application No.: 62/732,930  
Title: STORAGE MEMORY UNIT WITH A SHARED NONVOLATILE MEMORY INTERFACE FOR A RADIO  
Filed: September 18, 2018  
Inventors: John A. Nix  
Attorney Reference: MBHB 18-1564-PRO

U.S. Provisional Patent Application No.: 62/767,585  
Title: SECURE FIRMWARE TRANSFER FROM A SERVER TO A PRIMARY PLATFORM  
Filed: November 15, 2018  
Inventors: John A. Nix  
Attorney Reference: MBHB 18-1888-PRO

U.S. Provisional Patent Application No.: 62/779,791  
Title: SECURE IDS CERTIFICATE VERIFICATION FOR A PRIMARY PLATFORM  
Filed: December 14, 2018  
Inventors: John A. Nix  
Attorney Reference: MBHB 18-2044-PRO