

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4841057

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
RAVI KUCHIBHOTLA	02/23/2018
ROBERT LOVE	02/23/2018
HYEJUNG JUNG	02/23/2018
VIJAY NANGIA	02/23/2018
RAVIKIRAN NORRY	02/23/2018
ZIAD AHMAD	02/22/2018
RECEIVING PARTY DATA	
Name:	MOTOROLA MOBILITY LLC
Street Address:	222 WEST MERCHANDISE MART PLAZA, SUITE 1800
City:	CHICAGO
State/Country:	ILLINOIS
Postal Code:	60654
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15905757
CORRESPONDENCE DATA	
Fax Number:	(866)369-7391
<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>	
Phone:	616 797 1000
Email:	mloppnow@watson-ip.com
Correspondent Name:	THE WATSON INTELLECTUAL PROPERTY GROUP,
Address Line 1:	3133 HIGHLAND DRIVE, SUITE 200
Address Line 4:	HUDSONVILLE, MICHIGAN 49426
ATTORNEY DOCKET NUMBER:	SMM02242-US-NP
NAME OF SUBMITTER:	MATTHEW C. LOPPNOW
SIGNATURE:	/Matthew C. Loppnow/
DATE SIGNED:	02/26/2018
Total Attachments: 18	

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ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **Hyejung Jung, Palatine, IL; Ziad Ahmad, Chicago, IL; Vijay Nangia, Woodridge, IL; Ravikiran Nory, Buffalo Grove, IL; Ravi Kuchibhotla, Gurnee, IL and Robert Love, Barrington, IL;** have sold, assigned and transferred, and do hereby sell, assign and transfer, unto MOTOROLA MOBILITY LLC, a Limited Liability Company of the State of Delaware, having its principal office in Chicago, State of Illinois, United States of America, and its successors, assigns, and legal representatives, the entire right, title and interest for the United States of America in and to certain inventions described, illustrated and claimed in the following applications:

U.S. Application filed herein and entitled: **"METHOD AND APPARATUS FOR COMMUNICATING SYNCHRONIZATION SIGNALS"**

1. U.S. Application No. **62/467,079**, filed on **March 3, 2017** entitled **"METHOD AND APPARATUS FOR SYNCHRONIZATION SIGNAL SEQUENCE GENERATION FOR LARGE SCALE SYSTEMS"**

I hereby also sell, assign and transfer unto Assignee, the entire right, title and interest in and to the invention and in and to applications for Letters Patent therefor in all countries foreign to the United States of America, including all rights under any and all international conventions and treaties in respect of the invention and the applications for Letters Patent in foreign countries, and I further authorize Assignee to apply for Letters Patent in foreign countries directly in its own name, and to claim priority of the filing date of the application for Letters Patent of the United States of America under the provisions of any and all international conventions and treaties.

I hereby also sell, assign and transfer unto Assignee, the entire right, title and interest in and to other applications for Letters Patent on the inventions referenced in this Assignment and Agreement, and all rights, title and interest in and to all applications for Letters Patent in respect of the invention filed under any and all international conventions and treaties together with the entire right, title and interest in and to Letters Patent which may be issued upon the application(s) or any application(s) otherwise claiming priority thereto, and upon any divisions, extensions, continuations, reissues and/or re-examinations of such application(s).

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I agree that, when requested, I will, without charge to Assignee, but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing, maintaining and enforcing patents for the inventions in any and all countries and for vesting title thereto in Assignee.

I covenant with Assignee that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.

(1) Legal Name of Inventor: **Hyejung Jung**

Signature: _____ Date: _____

(2) Legal Name of Inventor: **Ziad Ahmad**

Signature: _____ Date: _____

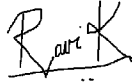
(3) Legal Name of Inventor: **Vijay Nangia**

Signature: _____ Date: _____

(4) Legal Name of Inventor: **Ravikiran Nory**

Signature: _____ Date: _____

(5) Legal Name of Inventor: **Ravi Kuchibhotla**



Signature: _____ Date: February 23, 2018

(6) Legal Name of Inventor: **Robert Love**

Signature: _____ Date: _____

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(1) Legal Name of Inventor: **Hyejung Jung**

Signature: _____ Date: _____

(2) Legal Name of Inventor: **Ziad Ahmad**

Signature: _____ Date: _____

(3) Legal Name of Inventor: **Vijay Nangia**

Signature: _____ Date: _____

(4) Legal Name of Inventor: **Ravikiran Nory**

Signature: _____ Date: _____

(5) Legal Name of Inventor: **Ravi Kuchibhotla**

Signature: _____ Date: _____

(6) Legal Name of Inventor: **Robert Love**

Signature: Robert T Love Date: 2/23/2018

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(1) Legal Name of Inventor: **Hyejung Jung**

Signature:  Date: 2/23/2018

(2) Legal Name of Inventor: **Ziad Ahmad**

Signature: _____ Date: _____

(3) Legal Name of Inventor: **Vijay Nangia**

Signature: _____ Date: _____

(4) Legal Name of Inventor: **Ravikiran Nory**

Signature: _____ Date: _____

(5) Legal Name of Inventor: **Ravi Kuchibhotla**

Signature: _____ Date: _____

(6) Legal Name of Inventor: **Robert Love**

Signature: _____ Date: _____

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(1) Legal Name of Inventor: **Hyejung Jung**

Signature: _____ Date: _____

(2) Legal Name of Inventor: **Ziad Ahmad**

Signature: _____ Date: _____

(3) Legal Name of Inventor: **Vijay Nangia**

Signature: Vijay Nangia Date: Feb 23, 2018

(4) Legal Name of Inventor: **Ravikiran Nory**

Signature: _____ Date: _____

(5) Legal Name of Inventor: **Ravi Kuchibhotla**

Signature: _____ Date: _____

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(1) Legal Name of Inventor: **Hyejung Jung**

Signature: _____ Date: _____

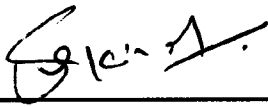
(2) Legal Name of Inventor: **Ziad Ahmad**

Signature: _____ Date: _____

(3) Legal Name of Inventor: **Vijay Nangia**

Signature: _____ Date: _____

(4) Legal Name of Inventor: **Ravikiran Nory**

Signature:  Date: 23-FEB-2018

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Signature: _____ Date: _____

(6) Legal Name of Inventor: **Robert Love**

Signature: _____ Date: _____

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Signature: _____ Date: _____

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Signature:  _____ Date: 2/22/2018

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Signature: _____ Date: _____

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