

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CHEAH HENG TAN	05/19/2015
LINUS FRANCIS	05/19/2015
ROBERT J. NOVORITA	05/21/2015
RECEIVING PARTY DATA	
Name:	MOTOROLA SOLUTIONS, INC.
Street Address:	1303 E. ALGONQUIN ROAD
City:	SCHAUMBURG
State/Country:	ILLINOIS
Postal Code:	60196
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14724375
CORRESPONDENCE DATA	
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<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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ATTORNEY DOCKET NUMBER:	CM16919
NAME OF SUBMITTER:	DEREK C. STETTNER
SIGNATURE:	/derek c. stettner/
DATE SIGNED:	05/28/2015
Total Attachments: 7	
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ASSIGNMENT AND AGREEMENT

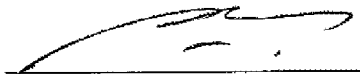
For good and valuable consideration, the receipt of which is hereby acknowledged, we, CHEAH HENG TAN, residing in Batu Maung, Penang, Malaysia, LINUS FRANCIS, residing in Kulim, Kedah, Malaysia, and ROBERT J. NOVORITA, residing in Orland Park, state of Illinois, United States of America, have sold, assigned and transferred, and do hereby sell, assign and transfer, unto MOTOROLA SOLUTIONS, INC., a corporation of the State of Delaware, having its principal office in Schaumburg, 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 relating to improvements in **METHOD FOR PREPROCESSING SPEECH FOR DIGITAL AUDIO QUALITY IMPROVEMENT**, (Docket No. **CM16919**), described, illustrated and claimed in an application for Letters Patent of the United States of America executed by us on the dates indicated by our signatures below, together with the entire right, title and interest in and to the application, and in and to Letters Patent which may be issued upon the application, and upon any non-provisional, division, extension, continuation, re-examination, or reissue thereof.

We hereby also sell, assign and transfer unto MOTOROLA SOLUTIONS, INC., 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 we further authorize MOTOROLA SOLUTIONS, INC. 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.

We hereby authorize and request the Commissioner of Patents of the United States of America to issue Letters Patent upon the aforesaid application, division, extension, continuation or reissue, to MOTOROLA SOLUTIONS, INC., for the sole use and benefit of MOTOROLA SOLUTIONS, INC., its successors, assigns and legal representatives, to the full end of the term for which Letters Patent may be granted, the same as they would have been held and enjoyed by me had this assignment not been made, and we hereby authorize and request the equivalent authorities in foreign countries to issue the patents of their respective countries to MOTOROLA SOLUTIONS, INC.

We agree that, when requested, we will, without charge to MOTOROLA SOLUTIONS, INC., but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for the inventions in any and all countries and for vesting title thereto in MOTOROLA SOLUTIONS, INC., its successors, assigns and legal representatives or nominees.

We covenant with MOTOROLA SOLUTIONS, INC., its successors, assigns and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.



CHEAH HENG TAN

DATE: 19 MAY 2015



WITNESS SIGNATURE

DATE: 19-MAY 2015

DOI CHIN CHEN
Printed Name of Witness



WITNESS SIGNATURE

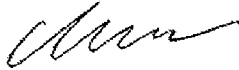
DATE: 19-MAY 2015

CHAN ENG WIANG
Printed Name of Witness



LINUS FRANCIS

DATE: 19 - MAY - 2015



WITNESS SIGNATURE

DATE: 19 - MAY 2015

OOI CHIN CHIN

Printed Name of Witness



WITNESS SIGNATURE

DATE: 19 - MAY 2015

CHAN ENG WIANG

Printed Name of Witness

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, CHEAH HENG TAN, residing in Batu Maung, Penang, Malaysia, LINUS FRANCIS, residing in Kulim, Kedah, Malaysia, and ROBERT J. NOVORITA, residing in Orland Park, state of Illinois, United States of America, have sold, assigned and transferred, and do hereby sell, assign and transfer, unto MOTOROLA SOLUTIONS, INC., a corporation of the State of Delaware, having its principal office in Schaumburg, 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 relating to improvements in **METHOD FOR PREPROCESSING SPEECH FOR DIGITAL AUDIO QUALITY IMPROVEMENT**, (Docket No. **CM16919**), described, illustrated and claimed in an application for Letters Patent of the United States of America executed by us on the dates indicated by our signatures below, together with the entire right, title and interest in and to the application, and in and to Letters Patent which may be issued upon the application, and upon any non-provisional, division, extension, continuation, re-examination, or reissue thereof.

We hereby also sell, assign and transfer unto MOTOROLA SOLUTIONS, INC., 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 we further authorize MOTOROLA SOLUTIONS, INC. 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.

We hereby authorize and request the Commissioner of Patents of the United States of America to issue Letters Patent upon the aforesaid application, division, extension, continuation or reissue, to MOTOROLA SOLUTIONS, INC., for the sole use and benefit of MOTOROLA SOLUTIONS, INC., its successors, assigns and legal representatives, to the full end of the term for which Letters Patent may be granted, the same as they would have been held and enjoyed by me had this assignment not been made, and we hereby authorize and request the equivalent authorities in foreign countries to issue the patents of their respective countries to MOTOROLA SOLUTIONS, INC.

We agree that, when requested, we will, without charge to MOTOROLA SOLUTIONS, INC., but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for the inventions in any and all countries and for vesting title thereto in MOTOROLA SOLUTIONS, INC., its successors, assigns and legal representatives or nominees.

We covenant with MOTOROLA SOLUTIONS, INC., its successors, assigns and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.

..... DATE:

CHEAH HENG TAN

..... DATE:

WITNESS SIGNATURE

.....
Printed Name of Witness

..... DATE:

WITNESS SIGNATURE

.....
Printed Name of Witness

LINUS FRANCIS

DATE: _____

WITNESS SIGNATURE

DATE: _____

Printed Name of Witness

WITNESS SIGNATURE

DATE: _____

Printed Name of Witness

Robert J. Novorita
ROBERT J. NOVORITA

DATE: 21-MAY-2015

STATE OF ILLINOIS

COUNTY OF COOK

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that ROBERT J. NOVORITA whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 21st day of May, 2015.

My commission expires:

Sheila R. Mannerino
Notary Public Signature

SHEILA R. MANNERINO
Printed Name of Notary Public

