#### 505359794 03/06/2019

# PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
MATTI MOISANEN	02/18/2019
JAAKKO SITOMANIEMI	02/18/2019
JARKKO ESKELINEN	02/18/2019

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## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16293781

## CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	251320-3720
NAME OF SUBMITTER:	DANIEL R. MCCLURE
SIGNATURE:	/Daniel R. McClure/
DATE SIGNED:	03/06/2019

**Total Attachments: 2** 

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> **PATENT** REEL: 048513 FRAME: 0956 505359794

#### ASSIGNMENT

WHEREAS, Matti Moisanen, Jaakko Sitomaniemi, Jarkko Eskelinen
hereafter referred to as ASSIGNOR, has/have invented certain new and useful improvement as described and set forth in the below identified application for United States Letters Patent
Title: apparatuses and methods for protection of an initial non-access stratu (nas) message
Filed: Serial No.
Executed on:
WHEREAS, MediaTek Singapore Pte. Ltd. of No. 3
Fusionopolis Walk, #03-01 Solaris, Singapore 138628 hereinafte
referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'S interest in the said
invention and application and in any U.S. Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has/have sold, assigned and transferred, and by these presents does/do sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all his/her/their rights, title and interest in and to the said invention and application and all future improvements thereon, and in and to any Letters Patent which may hereafter be granted on the same in the United States, the said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignor had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees/agree that he/she/they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignor has/have signed his/her/their name(s) on the date(s) indicated.

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# ASSIGNMENT

Mak Non	(8-148-2019)
Måtti Moisanen	Date
Jacko Alaakko Sitomaniemi	12-PEB-2019
Jaakko Sitomaniemi	Date
Jarkko Eskelinen	18-FEB-2019
darko eskerrhen	Date

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**RECORDED: 03/06/2019** 

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PATENT REEL: 048513 FRAME: 0958