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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
THOMAS B. BOHN	12/10/2020
PIOTR PTASINSKI	12/10/2020

RECEIVING PARTY DATA

Name:	MOTOROLA SOLUTIONS, INC.
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City:	CHICAGO
State/Country:	ILLINOIS
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16869377

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	PAT24207-US-ORG
NAME OF SUBMITTER:	DEREK C. STETTNER
SIGNATURE:	/derek c. stettner/
DATE SIGNED:	12/17/2020

Total Attachments: 3

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PATENT REEL: 054680 FRAME: 0539 506409107

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, THOMAS B. BOHN, residing in McHenry, State of Illinois, United States of America, and **PIOTR PTASINSKI**, residing in Krakow, Poland, 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 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 relating to improvements in EXTENDED RANGE DIRECT MODE ENHANCED CHANNEL ACCESS IN DIGITAL MOBILE RADIO SYSTEMS, filed as U.S. Patent Application No. 16/869,377, on May 7, 2020, International (PCT) Patent Application No. PCT/US2020/031923, on May 7, 2020, and U.S. Provisional Patent Application No. 62/845,392, on May 9, 2019, (Docket No. **PAT24207-US-ORG**), 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 applications, 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.

1 of 2 PAT24207-US-ORG 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.

(1)	Legal Name of Inventor: Thomas B. Bohn		
	Signature: /Thomas B Bohn/	Date:_	12/10/2020
(2)	Legal Name of Inventor: Piotr Ptasinski		
	Signature:	Dote:	

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.

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(1) Legal Name of Inventor: Thomas B. Bohn	
Signature:	Date:
(2) Legal Name of Inventor: Piotr Ptasinski	
Simonna Piotr Ptasinski	Data: 10 December 2020

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RECORDED: 12/17/2020