## 506341095 11/05/2020

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6387848

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
SIDDHARTH CHOUKSEY	06/24/2020
GILBERT DEWEY	11/04/2020
NAZILA HARATIPOUR	06/22/2020
MENGCHENG LU	06/23/2020
JITENDRA KUMAR JHA	06/18/2020
JACK T. KAVALIEROS	06/20/2020
MATTHEW V. METZ	06/24/2020
SCOTT B. CLENDENNING	06/21/2020
ERIC CHARLES MATTSON	06/20/2020

## **RECEIVING PARTY DATA**

Name:	INTEL CORPORATION
Street Address:	2200 MISSION COLLEGE BOULEVARD
City:	SANTA CLARA
State/Country:	CALIFORNIA
Postal Code:	95054

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16913859

## **CORRESPONDENCE DATA**

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Correspondent Name: JUSTIN K. BRASK

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ATTORNEY DOCKET NUMBER: AC8533-US 111548-254612

NAME OF SUBMITTER: JUSTIN K. BRASK

PATENT 506341095 REEL: 054291 FRAME: 0251

SIGNATURE:	/Justin K. Brask/	
DATE SIGNED:	11/05/2020	
Total Attachments: 18		
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said patent application also identified as follows (when known):

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hereby sell, assign, and transfer to

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#### HALOGEN TREATMENT FOR NMOS CONTACT RESISTANCE IMPROVEMENT

[I/we hereby authorize an attorney or agent for said Assignee to insert below the application number and filing date of said patent application when known.]

US or International Application Number	16/913,859	filed June 26, 2020

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## Each Inventor: Please Sign and Date Relew:

06/29/2020 Date	<u>΄ ΄ ΄ ΄ ΄ ΄ ΄ ΄ ΄ ΄ ΄ ΄ ΄ ΄ ΄ ΄ ΄ ΄ ΄ </u>
Date	Name: Gilbert DEWEY
Date	Name: Nazila HARATIPOUR
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Date	Name: Matthew V. METZ
Date	Name: Scott B. CLENDENNING
Date	Name: Frie Charles MATTSON

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Page 2 of 2

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Date	Name	Siddharth CHOUKSEY
Date	Name	Gilbert DEWEY
<i>E127, 2020</i> Date	Name	Nazila HÁRXTIPOUR
Date	Nane	Mengcheng EU
Date	Name	Jitendra Kumar JHA
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Assument Doomen Return Address Charles Williamson & West P. 111 S.V. Str. Avenue, State 1990 Porthage OR 97201

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Assignment Document Return Address; Schwabe, Williamson & Wyatt P.C. 1211 SW 5th Avenue, Suite 1900 Portland, OR 97204 Telephone: (503) 222-9981

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US or Interna	ational A	oplication N	umber 16/913,859	filed June 26, 2020	

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Date	Name:	Fric Charles MATTSON

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TIC or	International Application	Alexandrae TOMIS MAN	filed June 26, 2020	
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PATENT REEL: 054291 FRAME: 0264

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US or International Application Number	16/913,859	filed	June 26, 2020

and in and to said application (provisional or non-provisional) and all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions or improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions or improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or legal representatives in securing and maintaining proper patent protection for said inventions or improvements and for vesting title to said inventions or improvements, and all applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

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## Each Inventor: Please Sign and Date Below:

Date	Name: Siddharth CHOUKSEY
Date	Name: Gilbert DEWEY
Date	Name: Nazila HARATIPOUR
Date	Name: Mengcheng LU
Dute	Name: Jitendra Kumar JHA
Date	Name: Jack T. KAVALIEROS
Date	Name: Matthew V. METZ
<u>6/24/2020</u> Date	Name: Scott B. CLENDENNING
Date	Name: Frie Charles MATTEON

Assignment Document Return Address: Schwabe, Williamson & Wyatt P.C. 1211 SW 5th Avenue, Suite 1900 Portland, OR 97204

Telephone: (503) 222-9981

said patent application also identified as follows (when known):

# ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned:

Siddharth CHOUKSEY, Gilbert DEWEY, Nazila HARATIPOUR, Mengcheng LU Jitendra Kumar JHA, Jack T. KAVALIEROS, Matthew V. METZ, Scott B. CLENDENNING Eric Charles MATTSON

hereby sell, assign, and transfer to

## Intel Corporation

a Corporation of Delaware , having a principal place of business at:

2200 Mission College Boulevard, Santa Clara, California, 95054 USA ("Assignce") and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States a"nd all foreign countries, in and to any and all inventions or improvements that are disclosed in the application (provisional or non-provisional) for the United States patent which may have a declaration executed by the undersigned prior hereto or concurrently herewith and is entitled

#### HALOGEN TREATMENT FOR NMOS CONTACT RESISTANCE IMPROVEMENT

[I/we hereby authorize an attorney or agent for said Assignee to insert below the application number and filing date of said patent application when known.]

US or International Application Number	16/913,859	filed June 26, 2020

and in and to said application (provisional or non-provisional) and all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions or improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions or improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or legal representatives in securing and maintaining proper patent protection for said inventions or improvements and for vesting title to said inventions or improvements, and all applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

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Date Siddharth CHOUKSEY Date Name: Gilbert DEWEY Name: Nazila HARATIPOUR Date Name: Mengcheng LU Date Name: Jitendra Kumar JHA Date Name: Jack T. KAVALIEROS Date Name: Matthew V. METZ Date Name: Scott B. CLENDENNING Name: Eric Charles MATTSON

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