505288343 01/21/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SENTHILKUMAR JAYAPAL	01/11/2019
CHAOQUN LIU	01/11/2019
YIPIN WU	01/11/2019
SOH CHEE KEONG	01/11/2019

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16253210

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ATTORNEY DOCKET NUMBER:	MSLI-18-0001US
NAME OF SUBMITTER:	TONG J. LEE
SIGNATURE:	/Tong J. Lee/
DATE SIGNED:	01/21/2019

Total Attachments: 2

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PATENT 505288343 REEL: 048076 FRAME: 0384

Attorney Docket No.: MSLI-18-001US

ASSIGNMENT

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

Senthilkumar Jayapal; Chaoqun Liu; Yipin Wu; Soh Chee Keong

hereby sell, assign, and transfer to:

43879228 2070\07\77 7#148120

MediaTek Singapore Pte. Ltd.

a private limited company of Singapore, having a principal place of business at No. 1 Fusionopolis Walk #03-01 Solaris, Singapore 138628 ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions and improvements that are disclosed in the application for the United States patent entitled:

LEAKAGE CURRENT REDUCTION IN A DUAL RAIL DEVICE

said patent application also identified as follows:

(I hereby authorize and request my attorney, associated with Customer Number 31484, to insert on the designated lines below, the filing date and application number of said application when known.)

United States Patent	Application Numb	er 16253210	filed on	January 21, 2019

which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below,

and in and to said United States patent application and all related applications (e.g. provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continuation-in-part applications, substitute applications, renewal applications, reexaminations, reissues, and the like) that have been or shall be filed in the United States and/or all foreign countries on said inventions and improvements, as well as in and to all rights of priority resulting from the filing of said United States patent application;

agree that said Assignee may apply for and receive a patent or patents for said inventions and 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

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design, utility, divisional, continuation, continuation-in-part, substitute, renewal, reissue, and all other patent applications on any and all said inventions and 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 and 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 and improvements and for vesting title to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Senthilkumar Jayapal

Yipin Wu

Son Chee Keong

2019 01 11 (Today's Date)

2019/01/11 (Today's Date)

20/9/01/11 (Today's Date)

2019 01 11 (Today's Date)