504886510 04/26/2018 PATENT ASSIGNMENT COVER SHEET

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CONVEYING PARTY D	ΑΤΑ					
		Na	ame			Execution Date
LAKSHMINARAYANA P	APPU					04/02/2018
CHRISTOPHER E. COX						04/02/2018
NAVNEET DOUR						04/04/2018
ASAF RUBINSTEIN						04/10/2018
ISRAEL DIAMAND						04/10/2018
RECEIVING PARTY DA	ТА					
Name:	INTEL	CORPC	RATION			
Street Address:	2200 N	IISSION	I COLLEGE BLVD			
City:	SANTA	A CLARA	ł			
<u></u>	CALIFO	ORNIA				
State/Country:		•••••				
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ASSIGNMENT

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

LAKSHMINARAYANA PAPPU; CHRISTOPHER E. COX; NAVNEET DOUR; ASAF **RUBINSTEIN; ISRAEL DIAMAND**

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 ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all other countries, in and to any and all inventions and improvements that are disclosed in the application for the patent entitled:

DYNAMICALLY PROGRAMMABLE MEMORY TEST TRAFFIC ROUTER

(I hereby authorize and request any attorney having appropriate authority from the assignce to insert on the designated lines below, the filing date and application number of said application when known.)

which was filed on	<u>March 29, 2018</u>	
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Application Number 15/940,499 and COUNTRY or International Office

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

and in and to said application and all Additional Applications, and all other patent applications that have been or shall be filed in the United States and all other countries and international filing offices on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all other countries and international filing offices on said inventions and improvements; and in and to all rights of priority resulting from the filing of said applications; as used herein "Additional Applications" includes but is not limited to design, utility, utility model, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and national phase applications on said inventions and improvements;

and agree that said Assignce 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 Additional Applications, 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

Page 1 of 2

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.

LAKSHMINARAYANA PAPPU

04/02/2018 Date signed

CHRISTOPHER E. COX

Date signed

Date signed

Date signed

NAVNEET DOUR

ASAF RUBINSTEIN

Date signed

ISRAEL DIAMAND

Page 2 of 2

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CHRISTOPHER E. COX

NAVNEET DOUR

ASAF RUBINSTEIN

Date signed

ISRAEL DIAMAND

Page 2 of 2

PATENT REEL: 045640 FRAME: 0297

4/2/18 Date signed

Date signed

Date signed

Date signed

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LAKSHMINARAYANA PAPPU

CHRISTOPHER E. COX TET DOUR NA

ASAF RUBINSTEIN

Date signed

Date signed

04/04/ Date signed 18

Date signed

ISRAEL DIAMAND

Date signed

Page 2 of 2

Attorney Docket No.: AA3392-US

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NAVNEET DOUR

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ISRAEL DIAMAND

Date signed

Date signed

Date signed

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16/4/13

Date signed

Page 2 of 2

PATENT REEL: 045640 FRAME: 0301

RECORDED: 04/26/2018