

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5972408

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
ELAN BANIN	10/22/2019
EYTAN MANN	09/13/2018
IGAL KUSHNIR	09/13/2018
AMIR RUBIN	09/13/2018
ELINOR KASHANI	09/16/2018
DMITRY FELSENSTEIN	09/16/2018
AYAL ESHKOLI	10/02/2018
VLADIMIR VOLOKITIN	09/17/2018
SHAHAR PORAT	09/17/2018
ROTEM BANIN	09/17/2018
OFIR DEGANI	09/17/2018
RONEN GERNIZKY	09/17/2018
RAN SHIMON	12/25/2018
YOSSI TSAFATI	12/23/2018
ENG HUN OOI	12/10/2018
TAL DAVIDSON	12/07/2018

**RECEIVING PARTY DATA**

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

**PROPERTY NUMBERS Total: 1**

Property Type	Number
<b>Application Number:</b>	16639780

**CORRESPONDENCE DATA****Fax Number:**

*Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.*

**PATENT**

<b>Phone:</b>	016463812017
<b>Email:</b>	mail@2spl.de
<b>Correspondent Name:</b>	2SPL PATENT ATTORNEYS
<b>Address Line 1:</b>	LANDAUBOGEN 3
<b>Address Line 4:</b>	MUNICH, GERMANY 81373

<b>ATTORNEY DOCKET NUMBER:</b>	AB5530-PCT-US_INT200167WO
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<b>NAME OF SUBMITTER:</b>	KIERAN O'LEARY
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<b>SIGNATURE:</b>	/Kieran O'Leary/
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<b>DATE SIGNED:</b>	02/20/2020
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**Total Attachments: 11**

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## **ASSIGNMENT**

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

**Elan BANIN; Eytan MANN; Rotem BANIN; Ronen GERNIZKY; Ofir DEGANI; Igal KUSHNIR; Shahar PORAT; Amir RUBIN; Vladimir VOLOKITIN; Elinor KASHANI; Dmitry FELSENSTEIN; Ayal ESHKOLI**

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:

### **Time encoded data communication protocol, apparatus and method for generating and receiving a data signal**

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

which was filed on 2020-02-18 as  
US Application Number 16/639,780 and  
COUNTRY or International Office

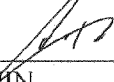
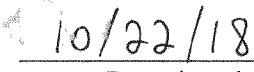
which has been executed by the undersigned prior hereto or concurrently herewith on the date(s) indicated below,

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 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 Additional Applications, and all other patent applications on any and all said inventions and improvements; execute

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.

 _____ Elan BAMIN	 _____ Date signed
_____ Eytan MANN	_____ Date signed
_____ Rotem BANIN	_____ Date signed
_____ Ronen GERNIZKY	_____ Date signed
_____ Ofir DEGANI	_____ Date signed
_____ Igal KUSHNIR	_____ Date signed
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Elan BANIN

Date signed

09/13/2018

Eytan MANN

Date signed

Rotem BANIN

Date signed

Ronen GERNIZKY

Date signed

Ofir DEGANI

Date signed

Igal KUSHNIR

Date signed

Shahar PORAT

Date signed

Amir RUBIN

Date signed

Vladimir VOLOTKIN

Date signed

Elinor KASHANI

Date signed

Dmitry FELSENSTEIN

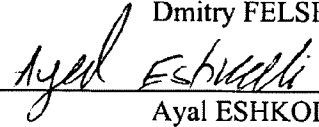
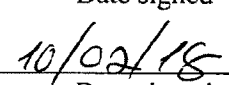
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Ayal ESHKOLI

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_____ Dmitry FELSENSTEIN	_____ Date signed
 Ayel ESHKOLI	 Date signed

**Attorney Docket No.: INT180501PNWO**


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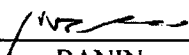
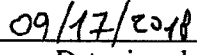

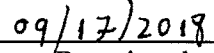

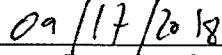
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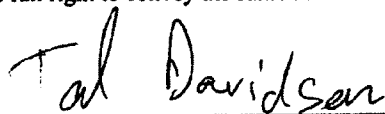
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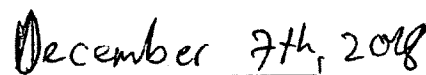
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Tal DAVIDSON



Date signed

Eng Hun OOI

Date signed

Yossi TSAFATI

Date signed

Ran SHIMON

Date signed

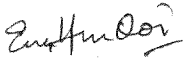
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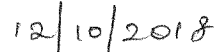
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Tal DAVIDSON

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Date signed



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Eng Hun OOI



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Date signed

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Yossi TSAFATI

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Yossi TSAFATI

Dec 23, 2018  
\_\_\_\_\_  
Date signed

\_\_\_\_\_  
Ran SHIMON

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Eng Hun OOI

\_\_\_\_\_  
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Yossi TSAFATI

\_\_\_\_\_  
Date signed

\_\_\_\_\_  
*Ran Shimon*  
Ran SHIMON

\_\_\_\_\_  
*25/12/18*  
Date signed