

PATENT ASSIGNMENT COVER SHEET

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| Name | Execution Date |
| TRANSPACIFIC ACTIVA, LLC | 11/26/2019 |
| RECEIVING PARTY DATA | |
| Name: | INTELLECTUAL VENTURES ASSETS 161 LLC |
| Street Address: | 251 LITTLE FALLS DRIVE |
| City: | WILMINGTON |
| State/Country: | DELAWARE |
| Postal Code: | 19808 |
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| Patent Number: | 6034949 |
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| Patent Number: | 6177285 |
| Patent Number: | 6584107 |
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| Patent Number: | 6222665 |
| Patent Number: | 6089877 |
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| Patent Number: | 6289403 |
| Patent Number: | 6757287 |
| Patent Number: | 6302024 |
| Patent Number: | 6757288 |
| Patent Number: | 6853649 |
| Patent Number: | 6771636 |
| Patent Number: | 6671333 |
| Patent Number: | 6111548 |
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| PATENT | |

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| ATTORNEY DOCKET NUMBER: | 11206-001GEN |
| NAME OF SUBMITTER: | LAWRENCE A. AARONSON |
| SIGNATURE: | /Lawrence A. Aaronson/ |
| DATE SIGNED: | 02/19/2020 |

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ASSIGNMENT OF RIGHTS IN CERTAIN ASSETS

For good and valuable consideration, the receipt of which is hereby acknowledged, Transpacific Activa, LLC, a Delaware limited liability company, having an address at 251 Little Falls Drive, Wilmington, DE 19808 ("**Assignor**"), does hereby sell, assign, transfer, and convey unto Intellectual Ventures Assets 161 LLC, a Delaware limited liability company, having an address at 251 Little Falls Drive, Wilmington, DE 19808 ("**Assignee**"), or its designees, the right, title, and interest in and to any and all of the following provisional patent applications, patent applications, patents, and other governmental grants or issuances of any kind (the "**Certain Assets**");

| <u>Patent or Application No.</u> | <u>Country</u> | <u>Grant Date Filing Date</u> | <u>Title of Patent and First Named Inventor</u> |
|----------------------------------|----------------|-------------------------------|--|
| (DE19640220.4) | DE | (9/30/1996) | DECT cordless communication system with protocol-evaluating base stations Korpi Markku |
| (EP97101147.3) | EP | (1/24/1997) | Interpreter for a layer 3 message-oriented communication Gellhaus, Christoph |
| EP0833534 (EP97113862.3) | EP | 10/27/2004 (8/11/1997) | Communications system according to the ETSI-standard DECT Korpi Markku |
| 6034949 (08/790428) | US | 3/7/2000 (1/29/1997) | Evaluation Means For A Message-Oriented Layer-3 Communication Gellhaus, Christoph (Germany) |
| IT0833534 (IT97113862.3) | IT | 10/27/2004 (8/11/1997) | Communications system according to the ETSI-standard DECT Korpi Markku |
| FR0833534 (FR97113862.3) | FR | 10/27/2004 (8/11/1997) | Communications system according to the ETSI-standard DECT Korpi Markku |
| (DE19603475.2) | DE | (1/31/1996) | Signal oriented analyzing apparatus for communication No inventor info available |

| <u>Patent or Application No.</u> | <u>Country</u> | <u>Grant Date Filing Date</u> | <u>Title of Patent and First Named Inventor</u> |
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| CNZL97102902.4 (CN97102902.4) | CN | 6/26/2002 (1/31/1997) | Signal oriented analyzing apparatus for layer-3 communication Gellhaus, Christoph |
| AT281046 (AT97113862.3) | AT | 10/27/2004 (8/11/1997) | Communications system according to the ETSI- standard DECT Korpi Markku |
| DE59712039.0 (DE59712039.0) | DE | 10/27/2004 (8/11/1997) | Communications system according to the ETSI- standard Korpi Markku |
| GB0833534 (GB97113862.3) | GB | 10/27/2004 (8/11/1997) | Communications system according to the ETSI- standard DECT Korpi Markku |
| (DE19621401.7) | DE | (5/28/1996) | Method for the screen effectiveness determination of a part of a shielded cable Walter, Dieter |
| EP0810445 (EP97107805.0) | EP | 1/22/2003 (5/13/1997) | Method for the screen effectiveness determination of a part of a shielded cable Walter, Dieter |
| 6118281 (08/863363) | US | 9/12/2000 (5/27/1997) | Method For Determining The Shielding Effect Of A Shielded Cabling Path Walter, Dieter |
| CH0810445 (CH97107805.0) | CH | 1/22/2003 (5/13/1997) | Method for the screen effectiveness determination of a part of a shielded cable Walter, Dieter |
| IT0810445 (IT97107805.0) | IT | 1/22/2003 (5/13/1997) | Method for the screen effectiveness determination of a part of a shielded cable Walter, Dieter |
| AT213620 (AT97107805.0) | AT | 1/22/2003 (5/13/1997) | Method for the screen effectiveness determination of a part of a shielded cable |

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| | | | Walter, Dieter |
| FR0810445 (FR97107805.0) | FR | 1/22/2003 (5/13/1997) | Method for the screen effectiveness determination of a part of a shielded cable Walter, Dieter |
| GB0810445 (GB97107805.0) | GB | 1/22/2003 (5/13/1997) | Method for the screen effectiveness determination of a part of a shielded cable Walter, Dieter |
| (EP97116268.0) | EP | (9/18/1997) | Method for restoring subscriber respectively terminal related data in the database system of a mobile radio network Di Carlo, Vincenzo Scotto |
| 6151506 (08/940059) | US | 11/21/2000 (9/30/1997) | Method For Restoring Subscriber Or Terminal Equipment Information In The Databank Of A Mobile Radiotelephone Network Karapetkov, Stefan |
| (DE19640233.6) | DE | (9/30/1996) | No English Title Available Karapetkov, Stefan |
| (DE19609399.6) | DE | (3/1/1996) | Process For Determining The Crystal Orientation In A Wafer Jantke, Gabriele |
| EP0883899 (EP97914163.7) | EP | 9/17/2003 (2/28/1997) | Process For Determining The Crystal Orientation In A Wafer Jantke, Gabriele |
| 6177285 (09/142124) | US | 1/23/2001 (2/28/1997) | Process For Determining The Crystal Orientation In A Wafer Jantke, Gabriele |
| (PCT/DE1997/000440) | WO | (2/28/1997) | Process For Determining The Crystal Orientation In A Wafer Jantke, Gabriele |

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| GB0883899 (GB97914163.7) | GB | 9/17/2003 (2/28/1997) | Process For Determining The Crystal Orientation In A Wafer Jantke, Gabriele |
| FR0883899 (FR97914163.7) | FR | 9/17/2003 (2/28/1997) | Process For Determining The Crystal Orientation In A Wafer Jantke, Gabriele |
| (DE19702107.7) | DE | (1/22/1997) | Method For Realizing Emulated Ringed Network Structures In Telecommunications Network Designed According To Asynchronous Transfer Mode Hunlich, Klaus |
| EP0954947 (EP98905235.2) | EP | 4/10/2002 (1/9/1998) | Method For Realizing Emulated Ringed Network Structures In A Telecommunications Network Designed According To The Asynchronous Transfer Mode (Atm) Hunlich, Klaus |
| 6584107 (09/341586) | US | 6/24/2003 (1/9/1998) | Method For Realizing Emulated Ring Network Structures In A Communication Network That Is Designed According To Asynchronous Transfer Mode Hunlich, Klaus |
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| DE59803729.2 (DE59803729.2) | DE | 4/10/2002 (1/9/1998) | Method For Realizing Emulated Ringed Network Structures In A Telecommunications Network Designed According To The Asynchronous Transfer Mode (Atm) Hunlich, Klaus |
| CNZL98801978.7 (CN98801978.7) | CN | 1/15/2003 (1/9/1998) | Method for realizing emulated ringed network structures in telecommunications network designed according to asynchronous transfer mode |

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| | | | Hunlich, Klaus |
| KR10-0378632 (KR10-1999-7006617) | KR | 3/20/2003 (1/9/1998) | Method For Realizing Emulated Ringed Network Structures In A Telecommunications Network Designed According To The Asynchronous Transfer Mode (Atm) Hunlich, Klaus |
| IT0954947 (IT98905235.2) | IT | 4/10/2002 (1/9/1998) | Method For Realizing Emulated Ringed Network Structures In A Telecommunications Network Designed According To The Asynchronous Transfer Mode (Atm) Hunlich, Klaus |
| EP0968522 (EP98914824.2) | EP | 5/2/2002 (2/25/1998) | Method Of Checking For The Presence Of Connection Balls Grasmuller, Hans-Horst |
| (JP10-538048) | JP | (2/25/1998) | Method Of Checking For The Presence Of Connection Balls Grasmuller, Hans-Horst |
| 6211959 (09/380444) | US | 4/3/2001 (2/25/1998) | Method Of Checking For The Presence Of Connection Balls Grasmuller, Hans-Horst |
| (PCT/DE1998/000560) | WO | (2/25/1998) | Method Of Checking For The Presence Of Connection Balls Grasmuller, Hans-Horst |
| SG67164 (SG9903883-8) | SG | 10/24/2000 (2/25/1998) | Method Of Checking For The Presence Of Connection Balls Grasmuller, Hans-Horst |
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| FR0968522 (FR98914824.2) | FR | 5/2/2002 (2/25/1998) | Method Of Checking For The Presence Of Connection Balls Grasmuller, Hans-Horst |
| (DE19709003.6) | DE | (3/5/1997) | NO ENGLISH TITLE AVAILABLE No Inventor Info Available |
| CH0968522 (CH98914824.2) | CH | 5/2/2002 (2/25/1998) | Method Of Checking For The Presence Of Connection Balls Grasmuller, Hans-Horst |
| DE59803981.3 (DE59803981.3) | DE | 5/2/2002 (2/25/1998) | Method Of Checking For The Presence Of Connection Balls Grasmuller, Hans-Horst |
| KR10-0333222 (KR10-1999-7007942) | KR | 4/8/2002 (2/25/1998) | Method Of Checking For The Presence Of Connection Balls Grasmuller, Hans-Horst |
| GB0968522 (GB98914824.2) | GB | 5/2/2002 (2/25/1998) | Method Of Checking For The Presence Of Connection Balls Grasmuller, Hans-Horst |
| NL0968522 (NL98914824.2) | NL | 5/2/2002 (2/25/1998) | Method Of Checking For The Presence Of Connection Balls Grasmuller, Hans-Horst |
| CA2283212 (CA2283212) | CA | 12/23/2003 (3/13/1998) | Opto-Electric Module Resch, Reinhold |
| (DE19710504.1) | DE | (3/13/1997) | Opto-Electric Module Brand, Uwe |
| EP0966698 (EP98924008.0) | EP | 12/5/2001 (3/13/1998) | Opto-Electric Module Neuner, Thomas |

| <u>Patent or Application No.</u> | <u>Country</u> | <u>Grant Date Filing Date</u> | <u>Title of Patent and First Named Inventor</u> |
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| 6222665 (09/380850) | US | 4/24/2001 (3/13/1998) | Opto-Electrical Module Neuner, Thomas |
| (PCT/DE1998/000758) | WO | (3/13/1998) | Opto-Electric Module Neuner, Thomas |
| IT0966698 (IT98924008.0) | IT | 12/5/2001 (3/13/1998) | Opto-Electric Module Neuner, Thomas |
| DE59802334.8 (DE59802334.8) | DE | 12/5/2001 (3/13/1998) | Opto-Electric Module Neuner, Thomas |
| (CA2241692) | CA | (6/24/1998) | Plug Connector Seidel, Peter |
| (EP98111915.9) | EP | (6/26/1998) | Electric Connector Seidel, Peter |
| (JP10-180595) | JP | (6/26/1998) | Plug-In Connector Seidel, Peter |
| (NO19980002678) | NO | (6/10/1998) | Electric Connector Seidel, Peter |
| 6089877 (09/105952) | US | 7/18/2000 (6/26/1998) | Plug Connector Seidel, Peter |
| (DE19727222.3) | DE | (6/26/1997) | No English Title Available No Inventor Info Available |
| (CA2297903) | CA | (7/22/1998) | Method And Adapter Device For Switching Switched Connections Between Time-Division- Multiplex-Oriented Components Of A Communications Network Via An Atm Communications Network Fraas, Wolfgang |

| <u>Patent or Application No.</u> | <u>Country</u> | <u>Grant Date Filing Date</u> | <u>Title of Patent and First Named Inventor</u> |
|--------------------------------------|----------------|-----------------------------------|--|
| DE19732676.5 (DE19732676.5) | DE | 7/31/2002 (7/29/1997) | Method And Device For Adapting The Setting Up Of Connections By Switching Between A Communication Network Components With Time Division Multiplexing Via An Atm Communication Network Fraas, Wolfgang |
| EP1000523 (EP98945026.7) | EP | 10/31/2007 (7/22/1998) | Method And Device For Adapting The Setting Up Of Connections By Switching Between A Communication Network Components With Time Division Multiplexing Via An Atm Communication Network Fraas, Wolfgang |
| 6252870 (09/494778) | US | 6/26/2001 (7/22/1998) | Method And Adapter Device For Switching Switched Connections Between Time-Division- Multiplex-Oriented Components Of A Communications Network Via An Atm Communications Network Fraas, Wolfgang |
| (PCT/DE1998/002059) | WO | (7/22/1998) | Method And Device For Adapting The Setting Up Of Connections By Switching Between A Communication Network Components With Time Division Multiplexing Via An Atm Communication Network Fraas, Wolfgang |
| DE59814115.4 (DE59814115.4) | DE | 10/31/2007 (7/22/1998) | Method And Device For Adapting The Setting Up Of Connections By Switching Between A Communication Network Components With Time Division Multiplexing Via An Atm Communication Network Fraas, Wolfgang |
| FR1000523 (FR98945026.7) | FR | 10/31/2007 (7/22/1998) | Method And Device For Adapting The Setting Up Of Connections By Switching Between A Communication Network Components With Time Division Multiplexing Via An Atm Communication Network Fraas, Wolfgang |

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| GB1000523 (GB98945026.7) | GB | 10/31/2007 (7/22/1998) | Method And Device For Adapting The Setting Up Of Connections By Switching Between A Communication Network Components With Time Division Multiplexing Via An Atm Communication Network Fraas, Wolfgang |
| IT1000523 (IT98945026.7) | IT | 10/31/2007 (7/22/1998) | Method And Device For Adapting The Setting Up Of Connections By Switching Between A Communication Network Components With Time Division Multiplexing Via An Atm Communication Network Fraas, Wolfgang |
| (DE19749931.7) | DE | (11/11/1997) | System For Controlling Bidirectional Data Transmission Between System Bus And Peripheral Bus Utilizing Two Intermediate Memories Individually Allocated To Each Peripheral Device Fodor, Robert |
| 6289403 (09/190357) | US | 9/11/2001 (11/12/1998) | System For Controlling Bidirectional Data Transmission Between System Bus And Peripheral Bus Utilizing Two Intermediate Memories Individually Allocated To Each Peripheral Device Fodor, Robert |
| (DE19755374.5) | DE | (12/12/1997) | ATM Data Transmission Method Deml, Reinhard |
| (EP98963377.1) | EP | (11/24/1998) | Device And Method For Controlling A Data Transmission Operation Between A First Atm Device And A Second Atm Device Deml, Reinhard |
| (JP2000-539671) | JP | (11/24/1998) | Device And Method For Controlling A Data Transmission Operation Between A First Atm Device And A Second Atm Device Deml, Reinhard |

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|--------------------------------------|----------------|-----------------------------------|---|
| 6757287 (09/555912) | US | 6/29/2004 (11/24/1998) | Device And Method For Controlling A Data Transmission Operation Between A First Atm Device And A Second Atm Device Deml, Reinhard |
| (PCT/DE1998/003462) | WO | (11/24/1998) | Device And Method For Controlling A Data Transmission Operation Between A First Atm Device And A Second Atm Device Deml, Reinhard |
| (DE19756563.8) | DE | (12/18/1997) | Integrated Circuit Arrangement For Heating Ignition Material And Use Of This Integrated Circuit Arrangement Swart, Marten |
| EP1040311 (EP98965613.7) | EP | 3/20/2002 (12/15/1998) | Integrated Circuit Arrangement For Heating Ignition Material And Use Of This Integrated Circuit Arrangement Rothleitner, Hubert |
| (JP2000-525726) | JP | (12/15/1998) | Integrated Circuit Arrangement For Heating Ignition Material And Use Of This Integrated Circuit Arrangement Rothleitner, Hubert |
| 6302024 (09/596894) | US | 10/16/2001 (12/15/1998) | Integrated Circuit Configuration For Heating Ignition Material, And Trigger Assembly With The Integrated Circuit Configuration Swart, Marten |
| (PCT/DE1998/003672) | WO | (12/15/1998) | Integrated Circuit Arrangement For Heating Ignition Material And Use Of This Integrated Circuit Arrangement Rothleitner, Hubert |
| (DE19755373.7) | DE | (12/12/1997) | Data transmission for asynchronous transfer mode network Deml, Reinhard |

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| EP1040712 (EP98963376.3) | EP | 10/13/2004 (11/24/1998) | Device And Method For Controlling A Data Transmission Operation Between A First Atm Device And A Second Atm Device Deml, Reinhard |
| (JP2000-539670) | JP | (11/24/1998) | Device And Method For Controlling A Data Transmission Operation Between A First Atm Device And A Second Atm Device Deml, Reinhard |
| 6757288 (09/555920) | US | 6/29/2004 (11/24/1998) | Device And Method For Controlling A Data Transmission Operation Between A First Atm Device And A Second Atm Device Deml, Reinhard |
| (PCT/DE1998/003461) | WO | (11/24/1998) | Device And Method For Controlling A Data Transmission Operation Between A First Atm Device And A Second Atm Device Deml, Reinhard |
| DE59803470.6 (DE59803470.6) | DE | 10/13/2004 (12/15/1998) | Integrated Circuit Arrangement For Heating Ignition Material And Use Of This Integrated Circuit Arrangement Rothleitner, Hubert |
| (KR10-2000-7006645) | KR | (12/15/1998) | Integrated Circuit Arrangement For Heating Ignition Material And Use Of This Integrated Circuit Arrangement Rothleitner, Hubert |
| IT1040311 (IT98965613.7) | IT | 3/20/2002 (12/15/1998) | Integrated Circuit Arrangement For Heating Ignition Material And Use Of This Integrated Circuit Arrangement Rothleitner, Hubert |
| DE59812133.1 (DE59812133.1) | DE | 10/13/2004 (11/24/1998) | Device And Method For Controlling A Data Transmission Operation Between A First Atm Device And A Second Atm Device Deml, Reinhard |

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| IT1040712 (IT98963376.3) | IT | 10/13/2004 (11/24/1998) | Device And Method For Controlling A Data Transmission Operation Between A First Atm Device And A Second Atm Device Deml, Reinhard |
| (CA2269443) | CA | (4/20/1999) | Method For Controlling Packet-Oriented Data Forwarding Via A Coupling Field Boll, Gunnar |
| DE19817789.5 (DE19817789.5) | DE | 5/10/2001 (4/21/1998) | Method of controlling a packet-oriented data transfer over a switching network Totzke, Jurgen |
| DE59912943.3 (DE59912943.3) | DE | 12/21/2005 (4/19/1999) | Method of controlling a packet-oriented data transfer over a switching network Boll, Gunnar |
| EP0952754 (EP99107769.4) | EP | 12/21/2005 (4/19/1999) | Method of controlling a packet-oriented data transfer over a switching network Boll, Gunnar |
| FR0952754 (FR99107769.4) | FR | 12/21/2005 (4/19/1999) | Method of controlling a packet-oriented data transfer over a switching network Boll, Gunnar |
| GB0952754 (GB99107769.4) | GB | 12/21/2005 (4/19/1999) | Method of controlling a packet-oriented data transfer over a switching network Boll, Gunnar |
| IT0952754 (IT502006901394137) | IT | 12/21/2005 (4/19/1999) | Method of controlling a packet-oriented data transfer over a switching network Boll, Gunnar |
| 6853649 (09/296121) | US | 2/8/2005 (4/21/1999) | Method For Controlling Packet-Oriented Data Forwarding Via A Coupling Field Totzke, Jurgen |
| (DE19824161.5) | DE | (5/29/1998) | Method and telecommunication system for transmission of data from a first to a second |

| <u>Patent or Application No.</u> | <u>Country</u> | <u>Grant Date Filing Date</u> | <u>Title of Patent and First Named Inventor</u> |
|--------------------------------------|----------------|-----------------------------------|--|
| | | | private branch exchange Feyaerts, Johan |
| (EP99108335.3) | EP | (4/28/1999) | Method And Telecommunication System For Transmission Of Data From A First To A Second Private Branch Exchange Feyaerts, Johan |
| 6771636 (09/323563) | US | 8/3/2004 (6/1/1999) | Method And Telecommunications System For Transmitting Data From A First To A Second Private Branch Exchange Feyaerts, Johan |
| (DE19854458.8) | DE | (11/25/1998) | Effective Signal Recovery Method For FSK Modulated Signal Lucioni, Gonzalo |
| 6671333 (09/449726) | US | 12/30/2003 (11/24/1999) | Method And Apparatus For Recovering A Payload Signal From A Signal That Has Been Modulated By Frequency Shift Keying Lucioni, Gonzalo |
| (CH19980002359) | CH | (11/30/1998) | Power Transmission System With Sensor And Allocated Antenna Diessner, Armin |
| (DE19809819.7) | DE | (2/27/1998) | Power Transmission System With Sensor And Allocated Antenna Braunlich, Christoph |
| 6111548 (09/258179) | US | 8/29/2000 (2/25/1999) | Enclosed Power Transmission System With A Sensor Positioned Within The Enclosure And An Antenna Assigned To The Sensor Braunlich, Christoph |
| (FR9900686) | FR | (1/22/1999) | Power Transmission System With Sensor And Allocated Antenna Braunlich, Christoph |

Assignor assigns to Assignee all rights to the inventions, invention disclosures, and discoveries in the assets listed above, together, with the rights, if any, to revive prosecution of claims under such assets and to sue or otherwise enforce any claims under such assets for past, present or future infringement.

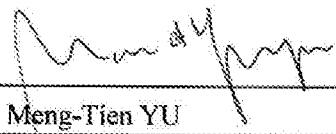
Assignor hereby authorizes the respective patent office or governmental agency in each jurisdiction to make available to Assignee all records regarding the Certain Assets.

The terms and conditions of this Assignment of Rights in Certain Assets will inure to the benefit of Assignee, its successors, assigns, and other legal representatives and will be binding upon Assignor, its successors, assigns, and other legal representatives.

DATED this 26th day of November 2019.

ASSIGNOR:

Transpacific Activa, LLC

By: 
Name: Meng-Tien YU
Title: Authorized Person

ASSIGNEE:

Intellectual Ventures Assets 161 LLC

By: _____
Name: Lawrence Froeber
Title: Chief Financial Officer

ASSIGNMENT OF RIGHTS IN CERTAIN ASSETS

For good and valuable consideration, the receipt of which is hereby acknowledged, Transpacific Activa, LLC, a Delaware limited liability company, having an address at 251 Little Falls Drive, Wilmington, DE 19808 (“**Assignor**”), does hereby sell, assign, transfer, and convey unto Intellectual Ventures Assets 161 LLC, a Delaware limited liability company, having an address at 251 Little Falls Drive, Wilmington, DE 19808 (“**Assignee**”), or its designees, the right, title, and interest in and to any and all of the following provisional patent applications, patent applications, patents, and other governmental grants or issuances of any kind (the “**Certain Assets**”):

| <u>Patent or Application No.</u> | <u>Country</u> | <u>Grant Date Filing Date</u> | <u>Title of Patent and First Named Inventor</u> |
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| (DE19640220.4) | DE | (9/30/1996) | DECT cordless communication system with protocol-evaluating base stations Korpi Markku |
| (EP97101147.3) | EP | (1/24/1997) | Interpreter for a layer 3 message-origineted communication Gellhaus, Christoph |
| EP0833534 (EP97113862.3) | EP | 10/27/2004 (8/11/1997) | Communications system according to the ETSI-standard DECT Korpi Markku |
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| FR0833534 (FR97113862.3) | FR | 10/27/2004 (8/11/1997) | Communications system according to the ETSI-standard DECT Korpi Markku |
| (DE19603475.2) | DE | (1/31/1996) | Signal oriented analyzing apparatus for communication No inventor info available |

| <u>Patent or Application No.</u> | <u>Country</u> | <u>Grant Date Filing Date</u> | <u>Title of Patent and First Named Inventor</u> |
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| CNZL97102902.4 (CN97102902.4) | CN | 6/26/2002 (1/31/1997) | Signal oriented analyzing apparatus for layer-3 communication Gellhaus, Christoph |
| AT281046 (AT97113862.3) | AT | 10/27/2004 (8/11/1997) | Communications system according to the ETSI-standard DECT Korpi Markku |
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| GB0833534 (GB97113862.3) | GB | 10/27/2004 (8/11/1997) | Communications system according to the ETSI-standard DECT Korpi Markku |
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| 6118281 (08/863363) | US | 9/12/2000 (5/27/1997) | Method For Determining The Shielding Effect Of A Shielded Cabling Path Walter, Dieter |
| CH0810445 (CH97107805.0) | CH | 1/22/2003 (5/13/1997) | Method for the screen effectiveness determination of a part of a shielded cable Walter, Dieter |
| IT0810445 (IT97107805.0) | IT | 1/22/2003 (5/13/1997) | Method for the screen effectiveness determination of a part of a shielded cable Walter, Dieter |
| AT213620 (AT97107805.0) | AT | 1/22/2003 (5/13/1997) | Method for the screen effectiveness determination of a part of a shielded cable |

| <u>Patent or Application No.</u> | <u>Country</u> | <u>Grant Date Filing Date</u> | <u>Title of Patent and First Named Inventor</u> |
|--------------------------------------|----------------|-----------------------------------|--|
| | | | Walter, Dieter |
| FR0810445 (FR97107805.0) | FR | 1/22/2003 (5/13/1997) | Method for the screen effectiveness determination of a part of a shielded cable Walter, Dieter |
| GB0810445 (GB97107805.0) | GB | 1/22/2003 (5/13/1997) | Method for the screen effectiveness determination of a part of a shielded cable Walter, Dieter |
| (EP97116268.0) | EP | (9/18/1997) | Method for restoring subscriber respectively terminal related data in the database system of a mobile radio network Di Carlo, Vincenzo Scotto |
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| (DE19640233.6) | DE | (9/30/1996) | No English Title Available Karapetkov, Stefan |
| (DE19609399.6) | DE | (3/1/1996) | Process For Determining The Crystal Orientation In A Wafer Jantke, Gabriele |
| EP0883899 (EP97914163.7) | EP | 9/17/2003 (2/28/1997) | Process For Determining The Crystal Orientation In A Wafer Jantke, Gabriele |
| 6177285 (09/142124) | US | 1/23/2001 (2/28/1997) | Process For Determining The Crystal Orientation In A Wafer Jantke, Gabriele |
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| <u>Patent or Application No.</u> | <u>Country</u> | <u>Grant Date Filing Date</u> | <u>Title of Patent and First Named Inventor</u> |
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| GB0883899 (GB97914163.7) | GB | 9/17/2003 (2/28/1997) | Process For Determining The Crystal Orientation In A Wafer Jantke, Gabriele |
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| (DE19702107.7) | DE | (1/22/1997) | Method For Realizing Emulated Ringed Network Structures In Telecommunications Network Designed According To Asynchronous Transfer Mode Hunlich, Klaus |
| EP0954947 (EP98905235.2) | EP | 4/10/2002 (1/9/1998) | Method For Realizing Emulated Ringed Network Structures In A Telecommunications Network Designed According To The Asynchronous Transfer Mode (Atm) Hunlich, Klaus |
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| CNZL98801978.7 (CN98801978.7) | CN | 1/15/2003 (1/9/1998) | Method for realizing emulated ringed network structures in telecommunications network designed according to asynchronous transfer mode |

| <u>Patent or Application No.</u> | <u>Country</u> | <u>Grant Date Filing Date</u> | <u>Title of Patent and First Named Inventor</u> |
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| | | | Hunlich, Klaus |
| KR10-0378632 (KR10-1999-7006617) | KR | 3/20/2003 (1/9/1998) | Method For Realizing Emulated Ringed Network Structures In A Telecommunications Network Designed According To The Asynchronous Transfer Mode (Atm) Hunlich, Klaus |
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| (DE19709003.6) | DE | (3/5/1997) | NO ENGLISH TITLE AVAILABLE No Inventor Info Available |
| CH0968522 (CH98914824.2) | CH | 5/2/2002 (2/25/1998) | Method Of Checking For The Presence Of Connection Balls Grasmuller, Hans-Horst |
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| KR10-0333222 (KR10-1999-7007942) | KR | 4/8/2002 (2/25/1998) | Method Of Checking For The Presence Of Connection Balls Grasmuller, Hans-Horst |
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| (DE19710504.1) | DE | (3/13/1997) | Opto-Electric Module Brand, Uwe |
| EP0966698 (EP98924008.0) | EP | 12/5/2001 (3/13/1998) | Opto-Electric Module Neuner, Thomas |

| <u>Patent or Application No.</u> | <u>Country</u> | <u>Grant Date Filing Date</u> | <u>Title of Patent and First Named Inventor</u> |
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| 6222665 (09/380850) | US | 4/24/2001 (3/13/1998) | Opto-Electrical Module Neuner, Thomas |
| (PCT/DE1998/000758) | WO | (3/13/1998) | Opto-Electric Module Neuner, Thomas |
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| (CA2241692) | CA | (6/24/1998) | Plug Connector Seidel, Peter |
| (EP98111915.9) | EP | (6/26/1998) | Electric Connector Seidel, Peter |
| (JP10-180595) | JP | (6/26/1998) | Plug-In Connector Seidel, Peter |
| (NO19980002678) | NO | (6/10/1998) | Electric Connector Seidel, Peter |
| 6089877 (09/105952) | US | 7/18/2000 (6/26/1998) | Plug Connector Seidel, Peter |
| (DE19727222.3) | DE | (6/26/1997) | No English Title Available No Inventor Info Available |
| (CA2297903) | CA | (7/22/1998) | Method And Adapter Device For Switching Switched Connections Between Time-Division- Multiplex-Oriented Components Of A Communications Network Via An Atm Communications Network Fraas, Wolfgang |

| <u>Patent or Application No.</u> | <u>Country</u> | <u>Grant Date Filing Date</u> | <u>Title of Patent and First Named Inventor</u> |
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| DE19732676.5 (DE19732676.5) | DE | 7/31/2002 (7/29/1997) | Method And Device For Adapting The Setting Up Of Connections By Switching Between A Communication Network Components With Time Division Multiplexing Via An Atm Communication Network Fraas, Wolfgang |
| EP1000523 (EP98945026.7) | EP | 10/31/2007 (7/22/1998) | Method And Device For Adapting The Setting Up Of Connections By Switching Between A Communication Network Components With Time Division Multiplexing Via An Atm Communication Network Fraas, Wolfgang |
| 6252870 (09/494778) | US | 6/26/2001 (7/22/1998) | Method And Adapter Device For Switching Switched Connections Between Time-Division- Multiplex-Oriented Components Of A Communications Network Via An Atm Communications Network Fraas, Wolfgang |
| (PCT/DE1998/002059) | WO | (7/22/1998) | Method And Device For Adapting The Setting Up Of Connections By Switching Between A Communication Network Components With Time Division Multiplexing Via An Atm Communication Network Fraas, Wolfgang |
| DE59814115.4 (DE59814115.4) | DE | 10/31/2007 (7/22/1998) | Method And Device For Adapting The Setting Up Of Connections By Switching Between A Communication Network Components With Time Division Multiplexing Via An Atm Communication Network Fraas, Wolfgang |
| FR1000523 (FR98945026.7) | FR | 10/31/2007 (7/22/1998) | Method And Device For Adapting The Setting Up Of Connections By Switching Between A Communication Network Components With Time Division Multiplexing Via An Atm Communication Network Fraas, Wolfgang |

| <u>Patent or Application No.</u> | <u>Country</u> | <u>Grant Date Filing Date</u> | <u>Title of Patent and First Named Inventor</u> |
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| GB1000523 (GB98945026.7) | GB | 10/31/2007 (7/22/1998) | Method And Device For Adapting The Setting Up Of Connections By Switching Between A Communication Network Components With Time Division Multiplexing Via An Atm Communication Network Fraas, Wolfgang |
| IT1000523 (IT98945026.7) | IT | 10/31/2007 (7/22/1998) | Method And Device For Adapting The Setting Up Of Connections By Switching Between A Communication Network Components With Time Division Multiplexing Via An Atm Communication Network Fraas, Wolfgang |
| (DE19749931.7) | DE | (11/11/1997) | System For Controlling Bidirectional Data Transmission Between System Bus And Peripheral Bus Utilizing Two Intermediate Memories Individually Allocated To Each Peripheral Device Fodor, Robert |
| 6289403 (09/190357) | US | 9/11/2001 (11/12/1998) | System For Controlling Bidirectional Data Transmission Between System Bus And Peripheral Bus Utilizing Two Intermediate Memories Individually Allocated To Each Peripheral Device Fodor, Robert |
| (DE19755374.5) | DE | (12/12/1997) | ATM Data Transmission Method Deml, Reinhard |
| (EP98963377.1) | EP | (11/24/1998) | Device And Method For Controlling A Data Transmission Operation Between A First Atm Device And A Second Atm Device Deml, Reinhard |
| (JP2000-539671) | JP | (11/24/1998) | Device And Method For Controlling A Data Transmission Operation Between A First Atm Device And A Second Atm Device Deml, Reinhard |

| <u>Patent or Application No.</u> | <u>Country</u> | <u>Grant Date Filing Date</u> | <u>Title of Patent and First Named Inventor</u> |
|--------------------------------------|----------------|-----------------------------------|---|
| 6757287 (09/555912) | US | 6/29/2004 (11/24/1998) | Device And Method For Controlling A Data Transmission Operation Between A First Atm Device And A Second Atm Device Deml, Reinhard |
| (PCT/DE1998/003462) | WO | (11/24/1998) | Device And Method For Controlling A Data Transmission Operation Between A First Atm Device And A Second Atm Device Deml, Reinhard |
| (DE19756563.8) | DE | (12/18/1997) | Integrated Circuit Arrangement For Heating Ignition Material And Use Of This Integrated Circuit Arrangement Swart, Marten |
| EP1040311 (EP98965613.7) | EP | 3/20/2002 (12/15/1998) | Integrated Circuit Arrangement For Heating Ignition Material And Use Of This Integrated Circuit Arrangement Rothleitner, Hubert |
| (JP2000-525726) | JP | (12/15/1998) | Integrated Circuit Arrangement For Heating Ignition Material And Use Of This Integrated Circuit Arrangement Rothleitner, Hubert |
| 6302024 (09/596894) | US | 10/16/2001 (12/15/1998) | Integrated Circuit Configuration For Heating Ignition Material, And Trigger Assembly With The Integrated Circuit Configuration Swart, Marten |
| (PCT/DE1998/003672) | WO | (12/15/1998) | Integrated Circuit Arrangement For Heating Ignition Material And Use Of This Integrated Circuit Arrangement Rothleitner, Hubert |
| (DE19755373.7) | DE | (12/12/1997) | Data transmission for asynchronous transfer mode network Deml, Reinhard |

| <u>Patent or Application No.</u> | <u>Country</u> | <u>Grant Date Filing Date</u> | <u>Title of Patent and First Named Inventor</u> |
|---|-----------------------|--|--|
| EP1040712 (EP98963376.3) | EP | 10/13/2004 (11/24/1998) | Device And Method For Controlling A Data Transmission Operation Between A First Atm Device And A Second Atm Device Deml, Reinhard |
| (JP2000-539670) | JP | (11/24/1998) | Device And Method For Controlling A Data Transmission Operation Between A First Atm Device And A Second Atm Device Deml, Reinhard |
| 6757288 (09/555920) | US | 6/29/2004 (11/24/1998) | Device And Method For Controlling A Data Transmission Operation Between A First Atm Device And A Second Atm Device Deml, Reinhard |
| (PCT/DE1998/003461) | WO | (11/24/1998) | Device And Method For Controlling A Data Transmission Operation Between A First Atm Device And A Second Atm Device Deml, Reinhard |
| DE59803470.6 (DE59803470.6) | DE | 10/13/2004 (12/15/1998) | Integrated Circuit Arrangement For Heating Ignition Material And Use Of This Integrated Circuit Arrangement Rothleitner, Hubert |
| (KR10-2000-7006645) | KR | (12/15/1998) | Integrated Circuit Arrangement For Heating Ignition Material And Use Of This Integrated Circuit Arrangement Rothleitner, Hubert |
| IT1040311 (IT98965613.7) | IT | 3/20/2002 (12/15/1998) | Integrated Circuit Arrangement For Heating Ignition Material And Use Of This Integrated Circuit Arrangement Rothleitner, Hubert |
| DE59812133.1 (DE59812133.1) | DE | 10/13/2004 (11/24/1998) | Device And Method For Controlling A Data Transmission Operation Between A First Atm Device And A Second Atm Device Deml, Reinhard |

| <u>Patent or Application No.</u> | <u>Country</u> | <u>Grant Date Filing Date</u> | <u>Title of Patent and First Named Inventor</u> |
|---|-----------------------|--|--|
| IT1040712 (IT98963376.3) | IT | 10/13/2004 (11/24/1998) | Device And Method For Controlling A Data Transmission Operation Between A First Atm Device And A Second Atm Device Deml, Reinhard |
| (CA2269443) | CA | (4/20/1999) | Method For Controlling Packet-Oriented Data Forwarding Via A Coupling Field Boll, Gunnar |
| DE19817789.5 (DE19817789.5) | DE | 5/10/2001 (4/21/1998) | Method of controlling a packet-oriented data transfer over a switching network Totzke, Jurgen |
| DE59912943.3 (DE59912943.3) | DE | 12/21/2005 (4/19/1999) | Method of controlling a packet-oriented data transfer over a switching network Boll, Gunnar |
| EP0952754 (EP99107769.4) | EP | 12/21/2005 (4/19/1999) | Method of controlling a packet-oriented data transfer over a switching network Boll, Gunnar |
| FR0952754 (FR99107769.4) | FR | 12/21/2005 (4/19/1999) | Method of controlling a packet-oriented data transfer over a switching network Boll, Gunnar |
| GB0952754 (GB99107769.4) | GB | 12/21/2005 (4/19/1999) | Method of controlling a packet-oriented data transfer over a switching network Boll, Gunnar |
| IT0952754 (IT502006901394137) | IT | 12/21/2005 (4/19/1999) | Method of controlling a packet-oriented data transfer over a switching network Boll, Gunnar |
| 6853649 (09/296121) | US | 2/8/2005 (4/21/1999) | Method For Controlling Packet-Oriented Data Forwarding Via A Coupling Field Totzke, Jurgen |
| (DE19824161.5) | DE | (5/29/1998) | Method and telecommunication system for transmission of data from a first to a second |

| <u>Patent or Application No.</u> | <u>Country</u> | <u>Grant Date Filing Date</u> | <u>Title of Patent and First Named Inventor</u> |
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| | | | private branch exchange Feyaerts, Johan |
| (EP99108335.3) | EP | (4/28/1999) | Method And Telecommunication System For Transmission Of Data From A First To A Second Private Branch Exchange Feyaerts, Johan |
| 6771636 (09/323563) | US | 8/3/2004 (6/1/1999) | Method And Telecommunications System For Transmitting Data From A First To A Second Private Branch Exchange Feyaerts, Johan |
| (DE19854458.8) | DE | (11/25/1998) | Effective Signal Recovery Method For FSK Modulated Signal Lucioni, Gonzalo |
| 6671333 (09/449726) | US | 12/30/2003 (11/24/1999) | Method And Apparatus For Recovering A Payload Signal From A Signal That Has Been Modulated By Frequency Shift Keying Lucioni, Gonzalo |
| (CH19980002359) | CH | (11/30/1998) | Power Transmission System With Sensor And Allocated Antenna Diessner, Armin |
| (DE19809819.7) | DE | (2/27/1998) | Power Transmission System With Sensor And Allocated Antenna Braunlich, Christoph |
| 6111548 (09/258179) | US | 8/29/2000 (2/25/1999) | Enclosed Power Transmission System With A Sensor Positioned Within The Enclosure And An Antenna Assigned To The Sensor Braunlich, Christoph |
| (FR9900686) | FR | (1/22/1999) | Power Transmission System With Sensor And Allocated Antenna Braunlich, Christoph |

Assignor assigns to Assignee all rights to the inventions, invention disclosures, and discoveries in the assets listed above, together, with the rights, if any, to revive prosecution of claims under such assets and to sue or otherwise enforce any claims under such assets for past, present or future infringement.

Assignor hereby authorizes the respective patent office or governmental agency in each jurisdiction to make available to Assignee all records regarding the Certain Assets.

The terms and conditions of this Assignment of Rights in Certain Assets will inure to the benefit of Assignee, its successors, assigns, and other legal representatives and will be binding upon Assignor, its successors, assigns, and other legal representatives.

DATED this 26th day of November 2019.

ASSIGNOR:

Transpacific Activa, LLC

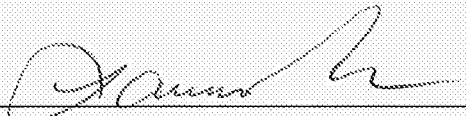
By: _____

Name: _____

Title: _____

ASSIGNEE:

Intellectual Ventures Assets 161 LLC

By:  _____

Name: Lawrence Froeber

Title: Chief Financial Officer