

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT7380850

|                                                                                                                                                                                                 |                                |  |                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|--|-----------------------|
| <b>SUBMISSION TYPE:</b>                                                                                                                                                                         | NEW ASSIGNMENT                 |  |                       |
| <b>NATURE OF CONVEYANCE:</b>                                                                                                                                                                    | ASSIGNMENT                     |  |                       |
| <b>CONVEYING PARTY DATA</b>                                                                                                                                                                     |                                |  |                       |
| <b>Name</b>                                                                                                                                                                                     |                                |  | <b>Execution Date</b> |
| LANTIQ ISRAEL LTD                                                                                                                                                                               |                                |  | 10/29/2015            |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                     |                                |  |                       |
| <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                          |  |                       |
| <b>PROPERTY NUMBERS Total: 2</b>                                                                                                                                                                |                                |  |                       |
| <b>Property Type</b>                                                                                                                                                                            | <b>Number</b>                  |  |                       |
| <b>Patent Number:</b>                                                                                                                                                                           | 7786942                        |  |                       |
| <b>Patent Number:</b>                                                                                                                                                                           | 8102323                        |  |                       |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                      |                                |  |                       |
| <b>Fax Number:</b>                                                                                                                                                                              | (612)677-3572                  |  |                       |
| <i>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.</i> |                                |  |                       |
| <b>Phone:</b>                                                                                                                                                                                   | 612-236-9942                   |  |                       |
| <b>Email:</b>                                                                                                                                                                                   | angela.miller@clarivate.com    |  |                       |
| <b>Correspondent Name:</b>                                                                                                                                                                      | ANGELA MILLER                  |  |                       |
| <b>Address Line 1:</b>                                                                                                                                                                          | C/O CLARIVATE                  |  |                       |
| <b>Address Line 2:</b>                                                                                                                                                                          | P.O. BOX 5427                  |  |                       |
| <b>Address Line 4:</b>                                                                                                                                                                          | TUCSON, ARIZONA 85703          |  |                       |
| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                                                                                                  | LANTIQ ISRAEL                  |  |                       |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                       | ANGELA MILLER                  |  |                       |
| <b>SIGNATURE:</b>                                                                                                                                                                               | /Angela Miller/                |  |                       |
| <b>DATE SIGNED:</b>                                                                                                                                                                             | 06/14/2022                     |  |                       |
| <b>Total Attachments: 8</b>                                                                                                                                                                     |                                |  |                       |
| source=Lantiq Israel to Intel Corp Asset Transfer Agreement - effective 29 October 2015_Redacted#page1.tif                                                                                      |                                |  |                       |
| source=Lantiq Israel to Intel Corp Asset Transfer Agreement - effective 29 October 2015_Redacted#page2.tif                                                                                      |                                |  |                       |
| source=Lantiq Israel to Intel Corp Asset Transfer Agreement - effective 29 October 2015_Redacted#page3.tif                                                                                      |                                |  |                       |
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source=Lantiq Israel to Intel Corp Asset Transfer Agreement - effective 29 October 2015\_Redacted#page8.tif

## INTELLECTUAL PROPERTY AND ASSET TRANSFER AGREEMENT

This Intellectual Property and Asset Transfer Agreement ("**Agreement**") is entered into as of the last date of signature and is effective as of October 29th, 2015 ("**Effective Date**") between Lantiq Israel Ltd, an Israeli corporation with its principal place of business at 13 Zarchin Street, Building C, 43662 Raanana, Israel ("**Assignor**"), and Intel Corporation, a Delaware corporation with its principal place of business at 2200 Mission College Boulevard, Santa Clara, California 95054 ("**Assignee**"). In consideration of the mutual promises and covenants contained in this Agreement, the parties agree as follows:

### 1. Definitions

1.1 "**Assigned Property**" means all technology, products, software, algorithms, processes, data, know-how, and other information and materials that has been used, is currently used, or is planned to be used by or on behalf of Assignor in conducting its business, including the following: (a) published and unpublished works of authorship, including literary works, audiovisual works, collective works, computer programs, compilations, databases, derivative works, maskworks, and sound recordings ("**Works of Authorship**"); (b) inventions and discoveries, including devices, methods, compositions of matter, improvements, processes, and new uses for any of the preceding items ("**Inventions**"); (c) words, names, symbols, devices, designs, and other designations, and combinations of the preceding items, used to identify or distinguish a business, group, product, or service or to indicate a form of certification, including logos, product designs, and product features ("**Trademarks**"); and (d) information that is not generally known or readily ascertainable through proper means, whether tangible or intangible, including algorithms, customer lists, ideas, data, designs, formulas, know-how, methods, plans, processes, procedures, programs, prototypes, specifications, systems, and techniques ("**Confidential Information**").

1.2 "**Assigned IP Rights**" means all intellectual property and other proprietary rights in or associated with the Assigned Property in any jurisdiction worldwide owned by Assignor, including the following: (a) rights in or associated with Works of Authorship ("**Copyrights**"); (b) rights in or associated with inventions, including rights in all patents ("**Patent Rights**"); (c) rights in or associated with Trademarks ("**Trademark Rights**"); (d) rights in or associated with Confidential Information ("**Trade Secret Rights**"); and (e) rights of attribution and integrity and other moral rights of an author ("**Moral Rights**"); and (f) rights in or associated with domain names ("**Domain Name Rights**"); in each case in (a) through (f), together with all registrations, applications, continuations, continuations-in-part, divisionals, renewals, and other forms of protection of any type with respect to Copyrights, Patent Rights, Trademark Rights, Trade Secret Rights, Moral Rights, and Domain Name Rights.

1.3 "**OCS**" means Office of the Chief Scientist, part of the Israeli Ministry of Economics, a governmental entity established and existing under, *inter alia*, the Israeli R&D Law.

1.4 "**OCS Grants**" means the grants received from OCS, by the Seller or its Affiliates in connection with the R&D Law (as below defined).

1.5 "**R&D Law**" means the Israeli Encouragement of Industrial and Development Law, 5744-1984, all related regulations, orders and published OCS policy.

2. **Assignment.** Following the receipt of the OCS written approval, dated October 27, 2015, and approval of the applicable provisions of R&D Law as relating to grants received by the Assignor from the OCS, Assignor hereby perpetually, irrevocably, and unconditionally assigns, transfers, and conveys to Assignee, *nunc pro tunc* as of the Effective Date, all of Assignor's worldwide right, title, and interest in and to the Assigned Property and all Assigned IP Rights. Assignor further perpetually, irrevocably, and unconditionally assigns, transfers, and conveys to Assignee, *nunc pro tunc* as of the Effective Date, all claims

for past, present and future infringement or misappropriation of the Assigned Property and Assigned IP Rights, including all rights to sue for and to receive, recover, and retain all profits, damages, and other awards accruing from any infringement or misappropriation prior to or after the Effective Date, as well as the right to grant releases for past or future infringements or misappropriations. Assignor hereby waives and agrees not to enforce all Moral Rights that Assignor may have in the Assigned Property.

**3. Consideration.** In consideration for assignments made by Assignor under this Agreement, Assignee will pay Assignor U.S. [REDACTED] (the "Purchase Price"). The parties may mutually agree to revise the Purchase Price after the date hereof based on information or events that both (i) becomes known or occur subsequent to the date hereof and (ii) could affect the parties' assessment of the fair market value of the Assigned Property and the Assigned IP Rights as of the date hereof. The Purchase Price shall be paid within 60 days of the date of this Agreement. After 60 days simple interest shall accrue on the outstanding balance of the Purchase Price as of the end of the Intel's fiscal quarter based on 3 month LIBOR in effect as of the first day of each such quarter.

#### **4. Further Assurances**

**4.1 Assistance.** As between Assignor and Assignee, Assignee will be responsible for recording this Agreement or any exhibits with any governmental registry or other agency. Assignor will take all action and execute all documents as Assignee may reasonably request to effectuate the transfer of the Assigned Property and Assigned IP Rights and the vesting of complete and exclusive ownership of the Assigned Property and Assigned IP Rights in Assignee, including: (a) the *Trademark Assignment Agreement* attached as Exhibit A; (b) the *Patent Assignment Agreement* attached as Exhibit B; and (c) additional assignment agreements prepared by Assignee and provided to Assignor to be recorded with local registrars and agencies. In addition, Assignor will, at the request and sole cost and expense of Assignee, but without additional compensation, promptly sign, execute, make, and do all such deeds, documents, acts, and things as Assignee may reasonably require: (y) to apply for, obtain, register, maintain and vest in the name of Assignee alone (unless Assignee otherwise directs) protection relating to any or all of the Assigned Property or Assigned IP Rights in any country throughout the world; and (z) to defend and enforce the Assigned IP Rights, including in any judicial, opposition, petition, or other proceedings of any type in respect of the Assigned IP Rights.

**4.2 Power of Attorney.** If at any time Assignee is unable, for any reason, to secure Assignor's signature on any patent, copyright, or trademark assignments or applications for registrations, or other documents or filings pertaining to any or all of the Assigned Property or Assigned IP Rights, whether because of Assignor's unwillingness or for any other reason whatsoever, Assignor hereby irrevocably designates and appoints Assignee and its duly authorized officers and agents as its agents and attorneys-in-fact, to act for and on its behalf to execute and file any and all such assignments, applications, registrations, and other documents and to do all other lawfully permitted acts to further the prosecution thereon with the same legal force and effect as if executed by Assignor.

#### **5. Miscellaneous**

**5.1 Binding on Successors.** This Agreement will inure to the benefit of, and be binding upon, the parties, together with their respective representatives, successors, and assigns. Assignor may not assign this Agreement without the prior written consent of Assignee. Assignee may assign this Agreement or any rights or obligations under this Agreement in Assignee's discretion.

5.2 Governing Law and Jurisdiction. This Agreement will be governed by, and construed in accordance with, the laws of the State of Delaware without reference to its conflict of laws provisions. With respect to any dispute arising out of or related to this Agreement, the parties consent to the exclusive jurisdiction of, and venue in, the federal and state courts located in the State of Delaware.

5.3 Amendment and Waiver. This Agreement may not be amended or modified unless mutually agreed upon in writing by the parties and no waiver will be effective unless signed by the party from whom such waiver is sought. The waiver by any party of a breach of any provision of this Agreement will not operate or be construed as a waiver of any subsequent breach.

5.4 Severability. If any provision of this Agreement is held invalid by any court of competent jurisdiction, such invalidity will not affect the validity or operation of any other provision, and the invalid provision will be deemed severed from this Agreement.

5.5 Interpretation. The term "including," as used in this Agreement, is non-limiting and means "including, without limitation" in each instance.

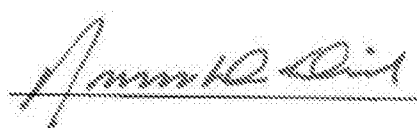
5.6 Entire Agreement. This Agreement is the entire agreement concerning the subject matter hereof. It supersedes all prior and contemporaneous agreements, assurances, representations, and communications between the parties concerning the same subject matter.

IN WITNESS WHEREOF, the parties hereto have executed the Agreement as of the date written below.

LANTIQ ISRAEL LTD

INTEL CORPORATION

By: 

By: 

Name: David Shamir

Name: GERALD DUXEL

Title: Managing Director

Title: Vice President

Date: \_\_\_\_\_

Date: \_\_\_\_\_

EXHIBIT A  
TRADEMARKS

NONE

## EXHIBIT B

## PATENTS

| Lantiq<br>Reference | Country            | Serial Number | Patent<br>Number | Publication Number        | Status                                    | Title                                                                                                                    |
|---------------------|--------------------|---------------|------------------|---------------------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| None                | US                 | 11/463329     |                  |                           | Rejected and<br>abandoned                 | Varying-Size Coefficients in<br>Wireless Local Area Network<br>Return Channel                                            |
| None                | US                 | 11/680544     |                  |                           | Rejected and<br>abandoned                 | On-Chip Impedance matching<br>using variable capacitor                                                                   |
| None                | US                 | 11/774,600    |                  |                           | Response to<br>office action<br>submitted | DeviceSystem and Method of<br>Classification of Communication<br>Traffic                                                 |
| P1830US00           | US                 | 11/969243     | 7786942          | Pub No. US - 2009-0174617 | Granted                                   | Hybrid Dual Dipole Slot PCB<br>antenna Arrangement for MIMO<br>communication Systems                                     |
| P1830US01           | US<br>Continuation | 12/855,689    | 8102323          | Pub No. US - 2009-0174617 | Granted                                   | Hybrid Dual Dipole Slot PCB<br>antenna Arrangement for MIMO<br>communication Systems                                     |
| P1831US00           | US                 | 11/681829     | 7817755          |                           | Granted                                   | System Device and Method For<br>Generating a logarithmic<br>function according to a polarity<br>of communication signals |
| P1833US00           | US Provisional     | 60/686,441    |                  |                           | Pending                                   | Portable Media Storage Device<br>with Wireless Network<br>Connectivity                                                   |
| P1833US01           | US                 | 11/443933     |                  |                           | Response to<br>office action<br>submitted |                                                                                                                          |

PATENT

REEL: 060189 FRAME: 0007

|           |    |                                 |         |                             |                                                                                                     |                                                                                                                          |
|-----------|----|---------------------------------|---------|-----------------------------|-----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| P1840WO00 | WO | 06728365.5                      |         | Pub No. WO 2006123347       | WIPO jurisdiction patent application Registered by Seller in Europe. Registered by Seller in Japan. | Phase Noise Compensation for MIMO WLAN Systems                                                                           |
| P1840EP00 | EP | 8102861.5                       |         | Pub No. EP 1976209          |                                                                                                     | Reducing Computational Complexity in Maximum Likelihood MIMO OFDM Decoders                                               |
| P1840JP00 | JP | JP 200878952                    |         | Pub No. JP 2008245285       |                                                                                                     | Reducing Computational Complexity in Maximum Likelihood MIMO OFDM Decoders                                               |
| P1840TW00 | TW | TW097110465                     | 1470941 | Pub No. JP 2008245285       | Registered by Seller in Japan.                                                                      | Reducing Computational Complexity in Maximum Likelihood MIMO OFDM Decoders                                               |
| P1840US00 | US | 11/690966                       | 7912140 |                             | Granted                                                                                             | Reducing Computational Complexity in Maximum Likelihood MIMO OFDM Decoders                                               |
| P1842US00 | US | 10/838974                       | 7636406 | Pub. No. US-2005-0249302-A1 | Granted                                                                                             | Reducing Computational Complexity in Maximum Likelihood MIMO OFDM Decoder System and Method of MIMO Transmitter/Receiver |
| P1845US00 | US | 11/422,909                      | 7643439 |                             | Granted                                                                                             | Reducing Power Consumption in a receiver                                                                                 |
| P1846US00 | US | 11/132717                       | 7609789 |                             | Granted                                                                                             | Phase Noise Compensation for MIMO WLAN Systems                                                                           |
| P1848US00 | US |                                 | 7642851 |                             | Granted                                                                                             | Variable Gain Amplifier                                                                                                  |
| P1920PC00 | WO | 11/767,678<br>PCT/IB2013/061202 |         |                             |                                                                                                     | Insensitive to Process Voltage and Temperature Variations                                                                |
|           |    |                                 |         |                             |                                                                                                     | A method and apparatus for reliable retransmission of datagrams with reordered sequence generation                       |



|           |                |                   |                                                                                                           |
|-----------|----------------|-------------------|-----------------------------------------------------------------------------------------------------------|
| P1920US00 | US Provisional | 61/739,771        | A method and apparatus for reliable retransmission of datagrams with reordered sequence generation        |
| P1920US00 | US             | 14/653,863        | A method and apparatus for reliable retransmission of datagrams with reordered sequence generation        |
| P1920US00 | US Provisional | 61/739,771        | Reliable retransmission of datagrams with reordered sequence generation                                   |
| P1924EP00 | EP             | 14157368-3        | A method and apparatus for dynamic block acknowledgement window adaptation under error channel conditions |
| P1924TW00 | TW             | 104106197         | A method and apparatus for dynamic block acknowledgement window adaptation under error channel conditions |
| P1924US00 | US             |                   | A method and apparatus for dynamic block acknowledgement window adaptation under error channel conditions |
| P1924WO   | WO             | PCT/IB2015/051431 | A method and apparatus for dynamic block acknowledgement window adaptation under error channel conditions |
| P1973US00 | US Provisional | 62/169,650        | MU-MIMO implicit channel update technique                                                                 |

Unfiled

Pending

P1974US00 US Provisional 62/160,666

Pending

A method and apparatus for on  
the fly packet descriptors  
management in WLAN  
communications