

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT8369156

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ALTERA CORPORATION	12/22/2023
<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: 27</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	7414484
Patent Number:	7639993
Patent Number:	7495517
Patent Number:	8081079
Patent Number:	8502676
Patent Number:	7638990
Patent Number:	7602260
Patent Number:	7639041
Patent Number:	8255702
Patent Number:	8812869
Patent Number:	9171185
Patent Number:	8477831
Patent Number:	7999361
Patent Number:	8558355
Patent Number:	8823135
Patent Number:	8378723
Patent Number:	8878296
Patent Number:	9131604
Patent Number:	9256266
Patent Number:	8700825

Property Type	Number
Patent Number:	8812755
Patent Number:	9245835
Patent Number:	9564863
Patent Number:	9378043
Application Number:	60712027
Application Number:	13935941
Application Number:	61305311

**CORRESPONDENCE DATA**

**Fax Number:** (612)677-3572

*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.*

**Phone:** 612-236-9942

**Email:** angela.miller@clarivate.com

**Correspondent Name:** ANGELA MILLER

**Address Line 1:** C/O CLARIVATE

**Address Line 2:** P.O. BOX 5427

**Address Line 4:** TUCSON, ARIZONA 85703

<b>ATTORNEY DOCKET NUMBER:</b>	PSG XFER - 27US
<b>NAME OF SUBMITTER:</b>	ANGELA MILLER
<b>SIGNATURE:</b>	/Angela Miller/
<b>DATE SIGNED:</b>	01/08/2024

**Total Attachments: 7**

source=PSG Xfer - Altera Corp to Intel Corp Assignment (fully executed 2023)#page1.tif

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## PATENT ASSIGNMENT AGREEMENT ("Assignment")

This Assignment is between:

### **Altera Corporation (Assignor)**

a corporation of Delaware, having a principal place of business at 101 Innovation Drive, San Jose, California, 95134, United States of America, and

### **Intel Corporation (Assignee)**

a corporation of Delaware, having a principal place of business at 2200 Mission College Boulevard, Santa Clara, California, 95054, United States of America, and

For good and valuable consideration, the receipt of which is hereby acknowledged, Assignor does hereby assign, transfer and convey to Assignee and its successors and assigns all right, title and interest that may exist today and in the future to any and all of the following (collectively, the "**Patents**"):

- (1) the patents and patent applications identified in Schedule 1 attached hereto (the "**Listed Patents**");
- (2) patents and patent applications to which any of the Listed Patents directly or indirectly claims, or forms the basis for, priority anywhere in the world;
- (3) reissues, reexaminations, extensions, continuations, continuations-in-part, continuing prosecution applications and divisions of any of the items listed in (1) or (2) of this Assignment;
- (4) foreign counterparts to any of the items listed in (1), (2) or (3) of this Assignment, including utility models, inventors' certificates, industrial design protection and any other form of governmental grants or issuances for the protection of inventions, designs, or discoveries;
- (5) patents that issue from any of the items listed in (1) through (4) of this Assignment;
- (6) claims, causes of action and enforcement rights of any kind, whether currently pending, filed or otherwise, and whether known or unknown, under or arising from any of the items listed in (1) through (5) of this Assignment, including all rights to pursue and collect damages, costs, injunctive relief, and other remedies for past, current, or future infringement of the Patents and including rights afforded under 35 U.S.C. § 154(d); and
- (7) rights to apply for, file, register, maintain, extend, and renew in any or all countries of the world patents, certificates of invention, utility models, industrial design protection, design patent protection and other governmental grants or issuances of any kind related to any of the items listed in (1) through (6) of this Assignment.

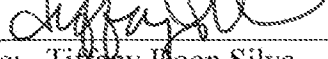
Assignor shall execute and deliver any instruments and do and perform any other acts and things as may be reasonably necessary or desirable for effecting and evidencing the assignments contemplated hereby, including the execution, acknowledgment, and recordation of any instruments. Assignor shall not enter into any agreement in conflict with this Assignment unless both Assignor and Assignee first mutually agree in writing.

Assignor hereby authorizes and requests the Commissioner of Patents and any other applicable foreign authorities or patent office to issue any and all patents, utility models or other governmental grants or issuances pertaining to any of the items assigned hereunder in the name of Assignee.

This Assignment will inure to the benefit of Assignee and its successors, assigns and other legal representatives and is binding upon Assignor and its successors, assigns, heirs, and legal representatives.

AGREED to by Assignor as of the date of the signature below:

**Assignor: Altera Corporation**

Signature:   
Printed Name: Tiffany Doon Silva

Title: Director and Secretary

Date: 22 December 2023

ACCEPTED by Assignee as of the date of the signature below:

**Assignee: Intel Corporation**

Signature: \_\_\_\_\_  
Printed Name: Kenneth Nelson

Title: Assistant Director, Intel Patent Group

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

LEGAL OK	
Joanne Suh	December 19, 2023

Assignor shall execute and deliver any instruments and do and perform any other acts and things as may be reasonably necessary or desirable for effecting and evidencing the assignments contemplated hereby, including the execution, acknowledgment, and recordation of any instruments. Assignor shall not enter into any agreement in conflict with this Assignment unless both Assignor and Assignee first mutually agree in writing.

Assignor hereby authorizes and requests the Commissioner of Patents and any other applicable foreign authorities or patent office to issue any and all patents, utility models or other governmental grants or issuances pertaining to any of the items assigned hereunder in the name of Assignee.

This Assignment will inure to the benefit of Assignee and its successors, assigns and other legal representatives and is binding upon Assignor and its successors, assigns, heirs, and legal representatives.

AGREED to by Assignor as of the date of the signature below:

**Assignor: Altera Corporation**

Signature: \_\_\_\_\_

Printed Name: Tiffany Doon Silva

Title: Director and Secretary

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

ACCEPTED by Assignee as of the date of the signature below:

**Assignee: Intel Corporation**

Signature: *Kenneth Nelson*

Printed Name: Kenneth Nelson

Title: Assistant Director, Intel Patent Group

Date: December 18, 2023

LEGAL OK	
Joanne Suh	December 19, 2023

**CALIFORNIA ACKNOWLEDGMENT**

**CIVIL CODE § 1189**

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

County of Santa Clara }

On December 22, 2023 before me, Olha Tokalenko, notary public  
Date Here Insert Name and Title of the Officer

personally appeared TIFFANY DOON SILVA  
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature

Olha Tokalenko

Signature of Notary Public

Place Notary Seal and/or Stamp Above

**OPTIONAL**

Completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

**Description of Attached Document**

Title or Type of Document: \_\_\_\_\_

Document Date: \_\_\_\_\_ Number of Pages: \_\_\_\_\_

Signer(s) Other Than Named Above: \_\_\_\_\_

**Capacity(ies) Claimed by Signer(s)**

Signer's Name: \_\_\_\_\_

☐ Corporate Officer -- Title(s): \_\_\_\_\_

☐ Partner -- ☐ Limited ☐ General

☐ Individual ☐ Attorney in Fact

☐ Trustee ☐ Guardian or Conservator

☐ Other: \_\_\_\_\_

Signer is Representing: \_\_\_\_\_

Signer's Name: \_\_\_\_\_

☐ Corporate Officer -- Title(s): \_\_\_\_\_

☐ Partner -- ☐ Limited ☐ General

☐ Individual ☐ Attorney in Fact

☐ Trustee ☐ Guardian or Conservator

☐ Other: \_\_\_\_\_

Signer is Representing: \_\_\_\_\_

## Certificate of Acknowledgement

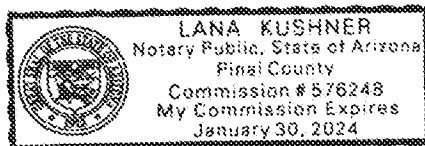
State of Arizona )

)

County of Maricopa )

On this 28th day of December, 2023, before me personally

appeared Kenneth Nelson, whose identity was proven to me on the basis of satisfactory evidence to be the person who he claims to be, and acknowledged that he signed the attached document titled, Patent Assignment Agreement, on behalf of Intel Corporation as Assignee.



A handwritten signature in cursive script, appearing to read "Lana Kushner".

Lana Kushner  
Notary Public

A handwritten signature in cursive script, appearing to read "Lana Kushner".  
January 30, 2024  
My commission expires

# Schedule 1

NO.	CASE REFERENCE	COUNTRY	STATUS	FILING NUMBER	GRANT NUMBER	PUBLICATION NUMBER
1	A02001	United States	Active	11/241,295	7,414,484	US-2007-0069831-A1
2	A02107	United States	Active	11/295,391	7,639,993	
3	A02454	United States	Active	11/610,892	7,495,517	
4	A02636	United States	Active	12/134,458	8,081,079	
5	A02636-C1	United States	Active	13/310,519	8,502,676	US-2012-0075081-A1
6	A02710	United States	Active	11/754,295	7,638,990	
7	A02822	United States	Active	11/944,386	7,602,260	
8	A02873	United States	Active	12/181,313	7,639,041	
9	A03192	United States	Active	12/630,629	8,255,702	
10	A03192-C1	United States	Active	13/557,005	8,812,869	
11	A03192-C2	United States	Active	14/331,016	9,171,185	
12	A03266	United States	Active	12/860,482	8,477,831	US-2012-0307878-A1
13	A03382	United States	Active	12/709,289	7,999,361	US-2011-0204493-A1
14	A03382-C1	United States	Active	13/206,169	8,558,355	US-2011-0291248-A1
15	A03382-C2	United States	Active	14/040,300	8,823,135	US-2014-0048915-A1
16	A03519	United States	Active	12/910,054	8,378,723	
17	A03556	United States	Active	12/910,416	8,878,296	
18	A03638	United States	Active	13/078,701	9,131,604	
19	A03685	United States	Active	13/289,953	9,256,266	
20	A04000	United States	Active	13/679,061	8,700,825	
21	A04000-C1	United States	Active	14/195,201	8,812,755	US-2014-0176188-A1
22	A04118	United States	Active	13/955,849	9,245,835	
23	A04549	United States	Active	14/536,443	9,564,863	
24	A04752	United States	Active	14/724,089	9,378,043	
25	A02107Z	United States	Inactive	60/712,027		
26	A02636-C2	United States	Inactive	13/935,941		
27	A03266Z	United States	Inactive	61/305,311		
28	A02001-CN	China	Active	200610153825.2	ZL200610153825.2	1941611
29	A03266-CN	China	Active	201180014871.3	ZL201180014871.3	102812448
30	A03382-CN	China	Active	201180018461.6	ZL201180018461.6	102844864
31	A03556-CN	China	Active	201110412062.X	ZL201110412062.X	103151346
32	A04000-CN	China	Active	201310574405.1	ZL201310574405.1	103823778
33	A04752-CN	China	Active	201610315633.0	ZL201610315633.0	106201647
34	A04752-CN-D1	China	Active	201911225941.4	ZL201911225941.4	110908773
35	A03266-EP	Europe	Active	11705394.2	2537100	2537100
36	A03382-EP	Europe	Active	11745210.2	2537183	2537183
37	A04752-EP	Europe	Active	16168231.5	3098718	3098718
38	A02001-EP	Europe	Inactive	6017084.2		1770854
39	A03266-FR	France	Active	11705394.2	2537100	2537100
40	A03382-FR	France	Active	11745210.2	2537183	2537183
41	A04752-EP-FR	France	Active	16168231.5	3098718	3098718



NO.	CASE REFERENCE	COUNTRY	STATUS	FILING NUMBER	GRANT NUMBER	PUBLICATION NUMBER
42	A03266-DE	Germany	Active	11705394.2	2537100	2537100
43	A03382-DE	Germany	Active	11745210.2	2537183	2537183
44	A04752-EP-DE	Germany	Active	16168231.5	3098718	3098718
45	A04752-EP-DE-UM	Germany	Active	202016008869.7	202016008869	
46	A04752-EP-DE-UM2	Germany	Active	202019004876.6	202016008867	
47	A04752-EP-DE-UM3	Germany	Active	202016008868.9	202016008868	
48	A02001-JP	Japan	Inactive	2005-228550		2007-097151
49	A03266-JP	Japan	Inactive	2012-553960	5758918	2013-520134
50	A03382-JP	Japan	Inactive	2012-554018	5756816	2013-520797
51	A03266-GB	United Kingdom	Active	11705394.2	2537100	2537100
52	A03382-GB	United Kingdom	Active	11745210.2	2537183	2537183
53	A04752-EP-GB	United Kingdom	Active	16168231.5	3098718	3098718
54	A03266-PCT	WIPO	Inactive	PCT/US2011/024840		WO2011/103070
55	A03382-PCT	WIPO	Inactive	PCT/US2011/025194		WO2011/103266