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Attorney Docket No.: 42P16846

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1. Name of conveying party(ies):

1. Manav Mishra
2. Christian Maciocco

Additional name(s) of conveying party(ies) attached?

☒ No ☐ Yes

2. Name and address of receiving party(ies):

Name: Intel Corporation

Internal Address: _____

Street Address: 2200 Mission College Blvd.City: Santa Clara State/Province: CA Zip: 95052Country: USAAdditional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of Conveyance

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other:

Execution Date(s): 1) 12/19/03; 2) 12/18/03

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

December 22, 2003

A. Patent Application No.(s)

10743213

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Blakely, Sokoloff, Taylor & Zafman LLPInternal Address: Cory G. ClaassenStreet Address: 12400 Wilshire Boulevard, 7th Floor
Los Angeles, California 900256. Total number of applications and patents involved: 17. Total Fee (37 CFR 3.41).....\$ 40.00

- ☒ Enclosed
☐ Authorized to be charged to deposit account

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02-2666

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9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*Cory G. Claassen, Reg. No. 50,296

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Signature

Dec. 22, 2003

Date

Total number of pages including cover sheet, attachments, and documents:

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12/31/2003 ZJUHAR1 00000016 10743213

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40.00 OP

PATENT
 REEL: 014847 FRAME: 0311

No.: 42P16846 (For Execution Prior To Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we
the undersigned, Manav Mishra and Christian Maciocco

hereby sell, assign, and transfer to Intel Corporation
a corporation of Delaware, having a principal place of business at
2200 Mission College Blvd., Santa Clara, California 95052, ("Assignee"),
and its successors, assigns, and legal representatives, the entire right, title, and interest for the
United States and all foreign countries, in and to any and all improvements that are disclosed in
the application for the United States patent that has been executed by the undersigned prior
hereto or concurrently herewith on the dates indicated below and is entitled

HYBRID OPTICAL BURST SWITCHING WITH FIXED TIME SLOT ARCHITECTURE

and in and to said application and all divisional applications, continuation applications,
continued prosecution applications, continuation-in-part applications, substitute applications,
renewal applications, reissue applications, reexaminations, extensions, and all other patent
applications that have been or shall be filed in the United States and all foreign countries on
any of said improvements; and in and to all original patents, reissued patents, reexamination
certificates, and extensions, that have been or shall be issued in the United States and all
foreign countries on said improvements; and in and to all rights of priority resulting from the
filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said
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 divisional
applications, continuation applications, continued prosecution applications, continuation-in-part
applications, substitute applications, renewal applications, reissue applications, reexaminations,
extensions and all other patent applications on any and all said improvements; execute all
rightful oaths, assignments, powers of attorney, and other papers; communicate to said
Assignee, its successors, assigns, and representatives all facts known to the undersigned
relating to said improvements and the history thereof; and generally assist said Assignee, its
successors, assigns, or representatives in securing and maintaining proper patent protection
for said improvements and for vesting title to said 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.

Each Inventor: Please Sign and Date Below:

<u>12/19</u> , 20 <u>03</u> Date	<u>Manav Mishra</u> Name: Manav Mishra
_____, 20____ Date	_____ Name: Christian Maciocco
_____, 20____ Date	_____ Name:
_____, 20____ Date	_____ Name:
_____, 20____ Date	_____ Name:
_____, 20____ Date	_____ Name:

Each Inventor: Please also list the date that you signed the accompanying DECLARATION AND POWER OF ATTORNEY:

<u>12/19/</u> , 20 <u>03</u> Date
_____, 20____ Date
_____, 20____ Date
_____, 20____ Date
_____, 20____ Date
_____, 20____ Date

State of: _____ }
County of: _____ }

Assignment Document Return Address:
SS. BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
12400 Wilshire Blvd., Seventh Floor
Los Angeles, CA 90025-1026
(408) 720-8598

On this _____ day of _____, 20____, before me, _____,
the undersigned Notary Public, personally appeared _____
☐ personally known to me ☐ proved to me on the basis of satisfactory evidence to be the
person(s) whose name(s) _____ subscribed to the within instrument, and acknowledged
that _____ executed it.
WITNESS my hand and official seal.

Notary's Signature

Each Inventor: Please Sign and Date Below:

_____, 20____	_____ Date	_____ Name: Manav Mishra
12/18, 2003	_____ Date	_____ Name: Christian Maciocco
_____, 20____	_____ Date	_____ Name:
_____, 20____	_____ Date	_____ Name:
_____, 20____	_____ Date	_____ Name:
_____, 20____	_____ Date	_____ Name:

Each Inventor: Please also list the date that you signed the accompanying DECLARATION AND POWER OF ATTORNEY:

_____, 20____	_____ Date
12/18, 2003	_____ Date
_____, 20____	_____ Date
_____, 20____	_____ Date
_____, 20____	_____ Date
_____, 20____	_____ Date

State of: _____ }

County of: _____ }

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On this _____ day of _____, 20____, before me, _____,
the undersigned Notary Public, personally appeared _____
☐ personally known to me ☐ proved to me on the basis of satisfactory evidence to be the
person(s) whose name(s) _____ subscribed to the within instrument, and acknowledged
that _____ executed it.
WITNESS my hand and official seal.

Notary's Signature