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Attorney Docket No.: 219.40231X00

10/22/02
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
1.) Lei Jiang; 2.) Sadasivan Shankar; and 3.) Paul Fischer
Additional name(s) of conveying party(ies) attached? Yes No
08/27/02

2. Name and address of receiving party(ies)
Name: Intel Corporation
Street Address: 2200 Mission College Blvd., SC4-202
City: State: Zip: Santa Clara, CA 95052
 Other

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other
Execution Date: 1-2.) 8/23/02; and 3.) 8/24/02.

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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: **8/23/02 & 8/24/02**
A. Patent Application No.(s)
10/228094

B. Patent Registration No.(s)
Additional number(s) attached Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name:
Antonelli, Terry, Stout & Kraus, L.L.P.
Internal Address:
**1300 North Seventeenth Street, Suite 1800
Arlington, Virginia 22209**

6. Total number of applications and patents involved
7. Total fee (37 CFR 3.41)..... **\$40.00**
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David C. Oren, Reg. No. 38,694 *[Signature]* **Date: August 27, 2002**
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PATENT
REEL: 013228 FRAME: 0701

ASSIGNMENT
(For Execution With Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, 1.) Lei Jiang; 2.) Sadasivan Shankar; and 3.) Paul Fischer, the undersigned, residing at 1.) 18545 SW Mathew Court, Aloha, OR 97007 US; 2.) 20696 Sunrise Drive, Cupertino, CA 95014; and 3.) 1558 NW 129th, Portland, OR 97229, US, hereby sell, assign, and transfer to INTEL CORPORATION, a corporation of Delaware having a principal place of business at 2200 Mission College Boulevard, SC4-202 Santa Clara, CA 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 executed concurrently herewith and entitled POLISHING PAD DESIGN, 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.

Date: 08/23, 2002

Lei Jiang
Name: Lei Jiang

Date: 08/23/, 2002

Sadasivan Shankar
Name: Sadasivan Shankar

Date: 8/24, 2002

Paul B Fischer
Name: Paul Fischer

Date: _____, 200__

Name: _____

Date: _____, 200__

Name: _____

Date: _____, 200__

Name: _____

State of: _____ }
County of: _____ } SS.

On this _____ day of _____, 200__, 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.

[SEAL]

Notary's Signature

Assignment Return Address:
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