

06-15-1998



100739079

FORM PTO-1595 (Rev. 6-93) OMB No. 0651-0011 (exp. 4/94) Tab settings

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): <b>Lawrence D. Wong</b></p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: <u>INTEL CORPORATION</u></p> <p>Internal Address: _____</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger</p> <p><input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p><input type="checkbox"/> Other _____</p> <p>Execution Date: <u>4/3/98</u></p>	<p>Street Address: <u>2200 Mission College Boulevard</u></p> <p>City <u>Santa Clara</u> State <u>CA</u> ZIP <u>95052</u></p> <p>Additional name(s) &amp; address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>

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: \_\_\_\_\_

<p>A. Patent Application No.(s)</p> <p><b>09001509</b></p>	<p>B. Patent No.(s)</p>
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**UPD 5.29.98** Additional numbers attached?  Yes  No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Blakely, Sokoloff, Taylor &amp; Zafman</u></p> <p>Internal Address: _____</p> <p>Street Address: <u>12400 Wilshire Blvd.</u></p> <p><u>7th Floor</u></p> <p>City: <u>Los Angeles</u> State: <u>CA</u> ZIP: <u>90025</u></p>	<p>6. Total number of applications and patents involved: <b>1</b></p> <p>7. Total fee (37 CFR 3.41).....\$ <u>40.00</u></p> <p><input checked="" type="checkbox"/> Enclosed</p> <p><input type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number: <u>02-2666</u></p> <p>(Attach duplicate copy of this page if paying by deposit account)</p>
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06/11/1998 JSNABAZZ 00000104 09001509 DO NOT USE THIS SPACE 01 FC:501 40.00 OP

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.*

Darren I. Milken  5/26/98

Name of Person Signing Signature Date

Total number of pages comprising cover sheet, attachments, and document: **3**

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Room 1A, Washington, DC 20540

Atty Docket No. 42390. P4351

REEL: 9230 FRAME: 0817

Attorney's Docket

No.: 42390.P4351

**ASSIGNMENT**

(For Execution After Filing Patent Application)

PATENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I

the undersigned, Lawrence D. Wong

hereby sell, assign, and transfer to Intel Corporation

a corporation of Delaware, having a principal place of business at

2200 Mission College Boulevard, 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 was filed December 31, 1997 and assigned Application No. 09/001,509 and is entitled

A Unique Chemical Mechanical Planarization Approach which Utilizes Magnetic Slurry for Polish and Magnetic Fields for Process Control

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.

**FEE TRANSMITTAL**

**TOTAL AMOUNT OF PAYMENT (\$) 40.00**

**Complete if Known:**

Application No. 09/001,509  
 Filing Date December 31, 1997  
 First Named Inventor Lawrence D. Wong  
 Group Art Unit 1744  
 Examiner Name Not Assigned  
 Attorney Docket No. 042390.P4351

**METHOD OF PAYMENT (check one)**

1.  [ XX ] The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:  
 Deposit Account Number 02-2666  
 Deposit Account Name \_\_\_\_\_  
 [ ] Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17  
 [ ] Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.131(b)
2.  XX Payment Enclosed  
 XX Check  
 \_\_\_\_\_ Money Order  
 \_\_\_\_\_ Other

**FEE CALCULATION (fees effective 10/01/97)**

**1. FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
101	790	201	395	Utility application filing fee	_____
106	330	206	165	Design application filing fee	_____
107	540	207	270	Plant filing fee	_____
108	790	208	395	Reissue filing fee	_____
114	150	214	75	Provisional application filing fee	_____
<b>SUBTOTAL (1)</b>					<b>\$ 0.00</b>

**2. CLAIMS**

	Extra	Fee from below	Fee Paid
Total Claims _____ - 20 = _____	X	_____	= _____
Independent Claims _____ - 3 = _____	X	_____	= _____
Multiple Dependent Claims _____	X	_____	= _____

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
103	22	203	11	Claims in excess of twenty	_____
102	82	202	41	Independent claims in excess of 3	_____
104	270	204	135	Multiple dependent claim	_____
109	82	209	41	Reissue independent claims over original patent	_____
110	22	210	11	Reissue claims in excess of 20 and over original patent	_____
<b>SUBTOTAL (2)</b>					<b>\$ 0.00</b>

**FEE CALCULATION (continued)**

**3. ADDITIONAL FEES**

<u>Large Entity</u>		<u>Small Entity</u>		<u>Fee Description</u>	<u>Fee Paid</u>
<u>Fee Code</u>	<u>Fee (\$)</u>	<u>Fee Code</u>	<u>Fee (\$)</u>		
105	130	205	65	Surcharge - late filing fee or oath	_____
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	_____
139	130	139	130	Non-English specification	_____
147	2,520	147	2,520	For filing a request for reexamination	_____
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	_____
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	_____
115	110	215	55	Extension for response within first month	_____
116	400	216	200	Extension for response within second month	_____
117	950	217	475	Extension for response within third month	_____
118	1,510	218	755	Extension for response within fourth month	_____
128	2,060	228	1,030	Extension for response within fifth month	_____
119	310	219	155	Notice of Appeal	_____
120	310	220	155	Filing a brief in support of an appeal	_____
121	270	221	135	Request for oral hearing	_____
138	1,510	138	1,510	Petition to institute a public use proceeding	_____
140	110	240	55	Petition to revive unavoidably abandoned application	_____
141	1,320	241	660	Petition to revive unintentionally abandoned application	_____
142	1,320	242	660	Utility issue fee (or reissue)	_____
143	450	243	225	Design issue fee	_____
144	670	244	335	Plant issue fee	_____
122	130	122	130	Petitions to the Commissioner	_____
123	50	123	50	Petitions related to provisional applications	_____
126	240	126	240	Submission of Information Disclosure Stmt	_____
581	40	581	40	Recording each patent assignment per property (times number of properties)	<u>40.00</u>
146	790	246	395	For filing a submission after final rejection (see 37 CFR 1.129(a))	_____
149	790	249	395	For each additional invention to be examined (see 37 CFR 1.129(a))	_____
Other fee (specify) _____					_____
Other fee (specify) _____					_____

**SUBTOTAL (3)\$ 40.00**

\*Reduced by Basic Filing Fee Paid

**SUBMITTED BY:**

Typed or Printed Name: Darren J. Milliken

Signature  Date May 26, 1998

Reg. Number P42,004 Deposit Account User ID \_\_\_\_\_

(complete if applicable)

**FIRST CLASS CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231

on May 26, 1998

Date of Deposit

Christine Jacquet

Name of Person Mailing Correspondence

Christine Jacquet  
Signature

May 26, 1998  
Date

Serial/Patent No.: 09/001,509 Filing/Issue Date: December 31, 1998  
Client: INTEL CORPORATION  
Title: A UNIQUE CHEMICAL MECHANICAL PLANARIZATION APPROACH WHICH UTILIZES MAGNETIC SLURRY FOR POLISH AND MAGNETIC FIELDS FOR PROCESS  
BSTZ File No.: 042390, P4351 Atty/Secty Initials: DJM/cj **CONTROL**  
Date Mailed: May 26, 1998 Docket Due Date: \_\_\_\_\_

The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

- Amendment/Response (\_\_\_\_ pgs.)
- Appeal Brief (\_\_\_\_ pgs.) (in triplicate)
- Application - Utility (\_\_\_\_ pgs., with cover and abstract)
- Application - Rule 1.60 Continuation (\_\_\_\_ pgs.)
- Application - Rule 1.60 Division (\_\_\_\_ pgs.)
- Application - Rule 1.60 CIP (\_\_\_\_ pgs.)
- Application - Rule 1.62 Transmittal (\_\_\_\_ pgs.)
- Application - Design (\_\_\_\_ pgs.)
- Application - PCT (\_\_\_\_ pgs.)
- Application - Provisional (\_\_\_\_ pgs.)
- Assignment and Cover Sheet - Form **PTO 1595**
- Certificate of Mailing
- Declaration & POA (\_\_\_\_ pgs.)
- Disclosure Docs & Orig & Copy of Inventor's Signed Letter (\_\_\_\_ pgs.)
- Drawings: \_\_\_\_\_ # of sheets includes \_\_\_\_\_ figures
- Express Mail No.: \_\_\_\_\_
- \_\_\_\_\_ Month(s) Extension of Time
- Information Disclosure Statement & PTO-1449 (\_\_\_\_ pgs.)
- Issue Fee Transmittal
- Notice of Appeal
- Petition for Extension of Time
- Petition for \_\_\_\_\_
- Postcard
- Power of Attorney (\_\_\_\_ pgs.)
- Preliminary Amendment (\_\_\_\_ pgs.)
- Reply Brief (\_\_\_\_ pgs.)
- Response to Notice of Missing Parts
- Request to Incorporate Disclosure Document (\_\_\_\_ pgs.)
- Small Entity Declaration for Indep. Inventor/Small Business
- FCC** Transmittal Letter (original & copy)

Check No. 22440  
Amt: \$40.00  
 Check No. \_\_\_\_\_  
Amt: \_\_\_\_\_

Other: \_\_\_\_\_

**FEE TRANSMITTAL**TOTAL AMOUNT OF PAYMENT (\$) 40.00

## Complete if Known:

Application No. 09/001,509  
 Filing Date December 31, 1997  
 First Named Inventor Lawrence D. Wong  
 Group Art Unit 1744  
 Examiner Name Not Assigned  
 Attorney Docket No. 042390.P4351

## METHOD OF PAYMENT (check one)

1.  The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

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 Other

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SUBTOTAL (2)					\$ 0.00

12/01/97

- 1 -

PTO/SB/17 (10-96)

**FEE CALCULATION (continued)**

**3. ADDITIONAL FEES**

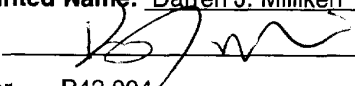
<u>Large Entity</u>		<u>Small Entity</u>		<u>Fee Description</u>	<u>Fee Paid</u>
<u>Fee Code</u>	<u>Fee (\$)</u>	<u>Fee Code</u>	<u>Fee (\$)</u>		
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Typed or Printed Name: Darren J. Milliken  
 Signature  Date May 26, 1998  
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 (complete if applicable)

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on May 26, 1998

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Christine Jacquet

Name of Person Mailing Correspondence

Christine Jacquet  
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Client: INTEL CORPORATION  
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BSTZ File No.: 042390, P4351 Atty/Secty Initials: DJM/cj CONTROL  
Date Mailed: May 26, 1998 Docket Due Date: \_\_\_\_\_

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- |  |  |  |
|--|--|--|
| <input type="checkbox"/> Amendment/Response (____ pgs.)  | <input type="checkbox"/> Express Mail No.: _____                                     | <input checked="" type="checkbox"/> Check No. <u>22440</u> |
| <input type="checkbox"/> Appeal Brief (____ pgs.) (in triplicate)                              | <input type="checkbox"/> _____ Month(s) Extension of Time                            | Amt: <u>\$40.00</u>  |
| <input type="checkbox"/> Application - Utility (____ pgs., with cover and abstract)            | <input type="checkbox"/> Information Disclosure Statement & PTO-1449 (____ pgs.)     | <input type="checkbox"/> Check No. _____                   |
| <input type="checkbox"/> Application - Rule 1.60 Continuation (____ pgs.)                      | <input type="checkbox"/> Issue Fee Transmittal                                       | Amt: _____   |
| <input type="checkbox"/> Application - Rule 1.60 Division (____ pgs.)                          | <input type="checkbox"/> Notice of Appeal  |  |
| <input type="checkbox"/> Application - Rule 1.60 CIP (____ pgs.)                               | <input type="checkbox"/> Petition for Extension of Time                              |  |
| <input type="checkbox"/> Application - Rule 1.62 Transmittal (____ pgs.)                       | <input type="checkbox"/> Petition for _____  |  |
| <input type="checkbox"/> Application - Design (____ pgs.)                                      | <input checked="" type="checkbox"/> Postcard   |  |
| <input type="checkbox"/> Application - PCT (____ pgs.)   | <input type="checkbox"/> Power of Attorney (____ pgs.)                               |  |
| <input type="checkbox"/> Application - Provisional (____ pgs.)                                 | <input type="checkbox"/> Preliminary Amendment (____ pgs.)                           |  |
| <input checked="" type="checkbox"/> Assignment and Cover Sheet - Form PTO-1595                 | <input type="checkbox"/> Reply Brief (____ pgs.)                                     |  |
| <input checked="" type="checkbox"/> Certificate of Mailing                                     | <input type="checkbox"/> Response to Notice of Missing Parts                         |  |
| <input type="checkbox"/> Declaration & POA (____ pgs.)   | <input type="checkbox"/> Request to Incorporate Disclosure Document (____ pgs.)      |  |
| <input type="checkbox"/> Disclosure Docs & Orig & Copy of Inventor's Signed Letter (____ pgs.) | <input type="checkbox"/> Small Entity Declaration for Indep. Inventor/Small Business |  |
| <input type="checkbox"/> Drawings: _____ # of sheets includes _____ figures                    | <input checked="" type="checkbox"/> Transmittal Letter (original & copy)             |  |

Other: \_\_\_\_\_



Date: April 3, 1998 Lawrence D Wong  
Name: Lawrence D. Wong

Date: \_\_\_\_\_, 19\_\_\_\_  
Name: \_\_\_\_\_

Date: \_\_\_\_\_, 19\_\_\_\_  
Name: \_\_\_\_\_

Date: \_\_\_\_\_, 19\_\_\_\_  
Name: \_\_\_\_\_

Date: \_\_\_\_\_, 19\_\_\_\_  
Name: \_\_\_\_\_

Date: \_\_\_\_\_, 19\_\_\_\_  
Name: \_\_\_\_\_

State of: \_\_\_\_\_ }  
County of: \_\_\_\_\_ } SS. Assignment Document Return Address:  
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP  
12400 Wilshire Blvd., Seventh Floor  
Los Angeles, California 90025-1026  
(408) 720-8598

On this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, 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