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2002

JUSTIN K. BRASK COMPANY: 79 OAKMEAD PARKWAY

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1 03/27/2009 500819861

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Assignee address 2200 Mission College Blvd & Assignor Magdy S. Abdelrahman previously recorded on Reel 022349 Frame 0979. Assignor(s) hereby confirms the Asignee address submitted incorrectly as 2020 Mission College Blvd & Assignor submitted incorrectly as Madgy S. Abdelrahman.

CONVEYING PARTY DATA

Name	Execution Date
	02/25/2007
`	02/26/2007

RECEIVING PARTY DATA

Name:	Intel Corporation
Street Address:	2200 Mission College Blvd
City:	Santa Clara
State/Country:	CALIFORNIA
Postal Code:	95052
-	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11643483

CORRESPONDENCE DATA

Fax Number:

(503)439-6073

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone:

(503) 439-8778

Emeil:

gigl_hoover@bstz.com

Correspondent Name:

Justin K. Brask

Address Line 1:

1279 Oakmead Parkway

Address Line 4:

Sunnyvale, CALIFORNIA 94085-4040

ATTORNEY DOCKET NUMBER:	42P25116	
NAME OF SUBMITTER:	Justin K. Brask	<u>. </u>

PATENT **REEL: 022495 FRAME: 0179**

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04/08/09 09:35 FAX 5034396073

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COMPANY: 79 OAKMEAD PARKWAY JUSTIN K. BRASK

Total Attachments: 6

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PATENT

REEL: 022495 FRAME: 0180

→ PTO ASSIGNMENT

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2004

O:JUSTIN K. BRASK COMPANY ?79 OAKMEAD PARKWAY

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

USPTO

03/05/2009 500798454

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Doc Date for second Assignor: Makarem A. Hussein to show 02/26/2007 previously recorded on Reel 021619 Frame 0036. Assignor(s) hereby confirms the original Doc Date was submitted incorrectly as 02/25/2007.

CONVEYING PARTY DATA

Name	Execution Date
Madgy S. Abdelrahman	02/25/2007
ll	02/26/2007

RECEIVING PARTY DATA

Name:	Intel Corporation
Street Address:	2020 Mission College Blyd
City:	Santa Clara
State/Country:	CALIFORNIA
Postal Code:	95052

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11643483

CORRESPONDENCE DATA

Fax Number, (503)439-6073

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Email:

(503) 439-8778

Phone:

heidi_yee@bstz.com

Correspondent Name:

Justin K. Brask

Address Line 1:

1279 Oakmead Parkway

Address Line 4:

Sunnyvale, CALIFORNIA 94085-4040

ATTORNEY DOCKET NUMBER:	42P25116
NAME OF SUBMITTER:	Justin K. Brask

Total Attachments: 8

 04/08/09
 09:36 FAX 5034396073
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O:JUSTIN K. BRASK COMPANY 79 OAKMEAD PARKWAY

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PATENT

REEL: 022495 FRAME: 0182

JUSTIN K. BRASK COMPANY: 79 OAKMEAD PARKWAY

Attorney Docket No.: > 1.5. ...

<u>ASSIGNMENT</u>

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned inventors:

MAGDY S. ABDELRAHMAN; MAKAREM A. HUSSEIN

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 USA ("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 inventions and improvements that are disclosed in the application for the United States patent entitled:

SOLUBLE HARD MASK FOR INTERLAYER DIELECTRIC PATTERNING

the Declaration for which has been executed by the undersigned prior hereto or concurrently herewith, said patent application which can also be identified as follows (if necessary):

(I hereby apthorize and request my attorney, associated with Customer Number 45209, to insert on the designated lines below, the filing date and application number of said application when known.)

United States Patent Application Number 11/643,483 filed on 12/20/2006,

and in and to said application (nonprovisional or provisional) and all design, utility, divisional, continuing, continuationin-part, substitute, renewal, reissue, and all nonprovisional applications claiming priority to said application, and all other
patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions
and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States
and all foreign countries on said inventions and improvements; and in and to all rights of priority resulting from the filing
of said United States applications;

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

Page 1 of 2

LGA/PAL forms

PATENT REEL: 022495 FRAME: 0183 JUSTIN K. BRASK COMPANY: 79 OAKMEAD PARKWAY

Attorney Docket No.:

improvements and for vesting title to said inventions and 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 Assignce, 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

2-25-07

MAGDY S. ABDELRAHMAN (Today's Date)

MAKAREM A. HUSSEIN (Today's Date)

Page 2 of 2

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JUSTIN K. BRASK COMPANY: 79 OAKMEAD PARKWAY

9-25-07:11:28AM:INTEL

:9712147907

Attorney Docket No.: P25116

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned inventors:

MAGDY S. ABDELRAHMAN; MAKAREM A. HUSSEIN

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 USA ("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 inventions and improvements that are disclosed in the application for the United States patent contribut.

SOLUBLE HARD MASK FOR INTERLAYER DIELECTRIC PATTERNING

the Declaration for which has been executed by the undersigned prior hereto or concurrently herewith, said patent application which can also be identified as follows (if necessary):

(I hereby authorize and request my attorney, associated with Customer Number 45209, to insert on the designated lines below, the filing date and application number of said application when known.)

United States Patent Application Number 11/643.483 filed on 12/20/2006,

and in and to said application (nonprovisional or provisional) and all design, utility, divisional, continuing, continuing in-part, substitute, renewal, reissue, and all nonprovisional applications claiming priority to said application, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions and improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said inventions and improvements; and in and to all rights of priority resulting from the filing of said United States applications;

agree that said Assignee may apply for and receive a patent or patents for said inventions and 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 design, utility, divisional, continuing, continuation-in-part, substitute, renewal, reissue, and all other patent applications on any and all said inventions and improvements; execute all rightful eaths, assignments, powers of automey, and other papers; communicate to said Assignae, its successors, assigns, and legal representatives all facts known to the undersigned relating to said inventions and improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or legal representatives in securing and maintaining proper patent protection for said inventions and

LGA/PAL forms

Page 1 of 2

02/26/07 MON 11:27 [TI/RI NO 8981]

2009

JUSTIN K. BRASK COMPANY: 79 OAKMEAD PARKWAY

2-28-07:11:28AM: INTEL

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Attorney Docket No.: P25116

improvements and for vesting tide to said inventions and improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

coverant 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.

MAGDY S. ABDELRAHMAN (Today's Date)

Makarem A. HUSSEIN (Today's Date)

LGA/PAL forms

Page 2 of 2

02/26/07 MON 11:27 [TX/RX NO 8981]

PATENT REEL: 022495 FRAME: 0186

RECORDED: 03/27/2009