

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Rachel Cannara	03/28/2008
Bernd W. Gotsmann	04/04/2008
Urs T. Duerig	03/28/2008
Harish Bhaskaran	04/22/2008
Armin W. Knoll	04/04/2008
RECEIVING PARTY DATA	
Name:	International Business Machines Corporation
Street Address:	New Orchard Road
City:	Armonk
State/Country:	NEW YORK
Postal Code:	10504
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12100354
CORRESPONDENCE DATA	
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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Correspondent Name:	Robert K. Carpenter
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Address Line 4:	Rockville, MARYLAND 20854
ATTORNEY DOCKET NUMBER:	CH920070092US1/RKC100020
NAME OF SUBMITTER:	Robert K. Carpenter

CH \$40.00 12100354

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**PATENT
REEL: 020847 FRAME: 0918**

Total Attachments: 6

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PATENT

REEL: 020847 FRAME: 0919

SIGNED:

	<u>LOCATION</u>	<u>DATE</u>	<u>SIGNATURE</u>
(1)	<u>Reddick</u>	<u>March 28, 2008</u>	<u>[Signature]</u>
(2)	<u> </u>	<u> </u>	<u> </u>
(3)	<u>Reddick</u>	<u>March 28, 2008</u>	<u>[Signature]</u>
(4)	<u> </u>	<u> </u>	<u> </u>
(5)	<u> </u>	<u> </u>	<u> </u>

ASSIGNMENT

Whereas we,

- | | |
|-----------------------|-----------------------------|
| (1) Rachel Cannara | of |
| (2) Bernd W. Gotsmann | of Horgen, Switzerland |
| (3) Urs T. Duerig | of Rueschlikon, Switzerland |
| (4) Harish Bhaskaran | of Thalwil, Switzerland |
| (5) Armin W. Knoll | of Adliswil, Switzerland |

have invented certain improvements in:

**PROBE-BASED LITHOGRAPHY UTILIZING
THERMOMECHANICALLY ACTIVATED POLYMERS**

and executed a United States patent application therefore on the following date(s):

- | | |
|-----|-----------------------|
| (1) | _____ |
| | (Date) |
| (2) | <u>April 4, 2008</u> |
| | (Date) |
| (3) | _____ |
| | (Date) |
| (4) | _____ |
| | (Date) |
| (5) | <u>April 04, 2008</u> |
| | (Date) |

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and in all foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

SIGNED:

	<u>LOCATION</u>	<u>DATE</u>	<u>SIGNATURE</u>
(1)	_____	_____	_____
(2)	<u>Roselikea</u>	<u>April 4, 2008</u>	<u>Berd W Jhu</u>
(3)	_____	_____	_____
(4)	_____	_____	_____
(5)	<u>Roselikea</u>	<u>04 April, 2008</u>	<u>Berd W Jhu</u>

ASSIGNMENT

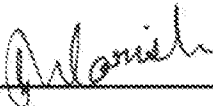
Whereas we,

- | | |
|-----------------------|-----------------------------|
| (1) Rachel Cannara | of Adliswil, Switzerland |
| (2) Bernd W. Gotsmann | of Horgen, Switzerland |
| (3) Urs T. Duerig | of Rueschlikon, Switzerland |
| (4) Harish Bhaskaran | of Thalwil, Switzerland |
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**PROBE-BASED LITHOGRAPHY UTILIZING
THERMOMECHANICALLY ACTIVATED POLYMERS**

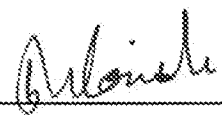
and executed a United States patent application therefore on the following date(s):

- | | |
|-----|--|
| (1) | _____ |
| | (Date) |
| (2) | _____ |
| | (Date) |
| (3) | _____ |
| | (Date) |
| (4) | March 30, 2008  |
| | (Date) |
| (5) | _____ |
| | (Date) |

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and in all foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said application to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

SIGNED:

	<u>LOCATION</u>	<u>DATE</u>	<u>SIGNATURE</u>
(1)	_____	_____	_____
(2)	_____	_____	_____
(3)	_____	_____	_____
(4)	<u>RUESCHLI KON,</u> <u>SWITZERLAND</u>	<u>Apr. 22, 2008</u>	<u></u>
(5)	_____	_____	_____