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Substitute Form PTO -1595



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Patent Docket No.  
GB920020076US1

11-7-03

102599847

03945 U.S. PTO  
10703307  
110703

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

1. Name of conveying party(ies):	Execution date:
Gernot Brasen	<u>October 31, 2003</u>
Christian Laue	<u>October 31, 2003</u>
Matthias Loeffler	<u>October 31, 2003</u>

2. Name and address of receiving party(ies):	3. Nature of conveyance:
International Business Machines Corporation New Orchard Road Armonk, New York 10504	<input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other

4. Application number(s) or patent number(s):	10703307	Execution/Filing/Issue Date
<input checked="" type="checkbox"/> New Patent Application, execution date of application		<u>October 31, 2003, and October 31, 2003</u>
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5. Name and address of party to whom correspondence concerning document should be mailed:  Customer No. 28722 Andrew J. Dillon Bracewell & Patterson, L.L.P. P.O. Box 969 Austin, Texas 78767-0969	6. Total number of applications and patents involved: 1
	7. Total fee (37 CFR 3.41)..... \$40.00 <input type="checkbox"/> Enclosed Check <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input checked="" type="checkbox"/> Authorized to charge any deficiency to deposit account
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Michael E. Noe, Jr.                      Signature                      November 7, 2003  
Name of Person Signing                      Date

Total number of pages including cover sheet, attachments, and documents: 3

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PATENT  
REEL: 014681 FRAME: 0576

## A S S I G N M E N T

Whereas, we,

- (1) Gernot Brasen, of Mainz, Federal Republic of Germany;
- (2) Christian Laue, of Mainz, Federal Republic of Germany; and
- (3) Matthias Loeffler, of Eisenberg, Federal Republic of Germany.

have invented certain improvements in

**OPTICAL DEVICE HAVING A ROTATABLE BIREFRINGENT CRYSTAL**

and executed, respectively, a United States patent application therefor on (Date Inventor Signed Declaration) (1) October, 21<sup>st</sup>, 2003; (2) October, 31<sup>st</sup>, 2003; and (3) October, 31<sup>st</sup>, 2003.

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 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 invention 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.

(1) Signed at Mainz on Oct, 31<sup>st</sup>, 2003.

Gernot Brasen  
Gernot Brasen

(2) Signed at Mainz on October, 31th, 2003.

Christian Laue

**Christian Laue**

(3) Signed at Mainz on October, 31th, 2003.

M. Loeffler

**Matthias Loeffler**