

Docket No.: YOR920050419US1 (19128)

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1. Name of conveying party(ies):
**Russell A. Budd; Punit P. Chiniwalla; John A. Guckenberger;
Jeffrey A. Kash; Jeremy D. Schaub; Michael Tan;
Jeannine M. Trewhella; and Garry Trott**

2. Name and address of receiving party(ies):
Name: International Business Machines Corporation
Address: Orchard Road

Additional names(s) of conveying party(ies) Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other

City: Armonk State/Prov.: New York
Country: USA ZIP: 10504

Execution Dates: 2/23/06; 3/2/06; 3/2/06; 3/2/06;
3/2/06; 3/8/06; 3/13/06; and 3/8/06

Additional name(s) & address(es) Yes No

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No. 11/374,777 Filing date March 14, 2006

B. Patent No.(s) _____

Additional numbers Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Steven Fischman
Registration No. 34,594
Address: Scully, Scott, Murphy & Presser, P.C.
400 Garden City Plaza - Suite 300
City: Garden City State/Prov.: New York
Country: USA ZIP: 11530

6. Total number of applications and patents involved: **1**

7. Total fee (37 CFR 3.41):.....\$ 40.00
 Enclosed - Any excess or insufficiency should be credited or debited to deposit account
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8. Deposit account number:
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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.

Leopold Presser
Signature

Leopold Presser, Reg. No. 19,827
Name of Person Signing

May 10, 2006
Date

Total number of pages including cover sheet, attachments, and document: **10**

PATENT

700263471

CH \$40.00 500510 11374777

IBM Docket No.: YOR920050419US1
SSMP: 19128

ASSIGNMENT

Whereas, we

Inventor and City	(1) Russell A. Budd County of Westchester	City of North Salem and State of New York
and	(2) Punit P. Chiniwalla County of New York	City of New York and State of New York
and	(3) John A. Guckenberger County of San Diego	City of Carlsbad and State of California
and	(4) Jeffrey A. Kash County of Westchester	City of Pleasantville and State of New York
and	(5) Jeremy D. Schaub County of Travis	City of Austin and State of Texas
and	(6) Michael Tan County of Santa Clara	City of Palo Alto and State of California
and	(7) Jeannine M. Trehwella County of Westchester	City of Peekskill and State of New York
and	(8) Garry Trott County of San Mateo	City of San Mateo and State of California

have invented certain improvements in

Title INTERCONNECTING (MAPPING) A TWO-DIMENSIONAL OPTOELECTRONIC (OE) DEVICE ARRAY TO A ONE-DIMENSIONAL WAVEGUIDE ARRAY

and have executed, respectively, a United States patent application therefor on


Dates That Inventors Signed the Declaration	(1) 2/23/ (3) 3/2/ (5) 3/2/ (7) 3/13/	2006, and (2) 3/2/ 2006, and (4) 3/2/ 2006, and (6) 3/8/ 2006, and (8) 3/8/	2006, and 2006, and 2006, and 2006.
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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.

IBM Docket No.: YOR920050419US1
SSMP: 19128

ASSIGNMENT

City	(1) Signed at			
Date	on	2/23/2006		signature
			(Russell	) inventor
			First Name	
			A.	Middle Initial
			Budd	Last Name
City	(2) Signed at			
Date	on			signature
			(Punit	) inventor
			First Name	
			P.	Middle Initial
			Chiniwalla	Last Name
City	(3) Signed at			
Date	on			signature
			(John	) inventor
			First Name	
			A.	Middle Initial
			Guckenberger	Last Name
City	(4) Signed at			
Date	on			signature
			(Jeffrey	) inventor
			First Name	
			A.	Middle Initial
			Kash	Last Name
City	(5) Signed at			
Date	on			signature
			(Jeremy	) inventor
			First Name	
			D.	Middle Initial
			Schaub	Last Name
City	(6) Signed at			
Date	on			signature
			Michael	) inventor
			First Name	
				Middle Initial
			Tan	Last Name
City	(7) Signed at			
Date	on			signature
			(Jeannine) inventor
			First Name	
			M.	Middle Initial
			Trewhella	Last Name
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Date	on			signature
			(Garry) inventor
			First Name	
				Middle Initial
			Trott	Last Name

IBM Docket No.: YOR920050419US1
SSMP: 19128

ASSIGNMENT

City (1) Signed at

Date on

(Russell A. Budd) signature
First Name Middle Initial Last Name inventor

City *New York City* (2) Signed at

Date *3/2/06* on

(Punit P. Chiniwalla) signature
First Name Middle Initial Last Name inventor

City (3) Signed at

Date on

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First Name Middle Initial Last Name inventor

City (4) Signed at

Date on

(Jeffrey A. Kash) signature
First Name Middle Initial Last Name inventor

City (5) Signed at

Date on

(Jeremy D. Schaub) signature
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Date on

(Michael) signature
First Name Middle Initial Tan Last Name inventor

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Date on

(Jeannine M. Trewhella) signature
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Date on

(Garry) signature
First Name Middle Initial Trott Last Name inventor

IBM Docket No.: YOR920050419US1
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ASSIGNMENT

City	(1) Signed at			
Date	on			signature
		(Russell	A.	Budd
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) inventor
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Date	on			signature
		(Punit	P.	Chiniwalla
		First Name	Middle Initial	Last Name
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		(John	A.	Guckenberger)
		First Name	Middle Initial	Last Name
) inventor
City	(4) Signed at			
Date	on			signature
		(Jeffrey	A.	Kash
		First Name	Middle Initial	Last Name
) inventor
City	(5) Signed at			
Date	on			signature
		(Jeremy	D.	Schaub
		First Name	Middle Initial	Last Name
) inventor
City	(6) Signed at			
Date	on			signature
		Michael		Tan
		First Name	Middle Initial	Last Name
) inventor
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Date	on			signature
		(Jeannine	M.	Trewhella
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		(Garry		Trott
		First Name	Middle Initial	Last Name
) inventor

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SSMP: 191 28

ASSIGNMENT

City	(1) Signed at				
Date	on				signature
		(Russell	A.	Budd) inventor
		First Name	Middle Initial	Last Name	
City	(2) Signed at				
Date	on				signature
		(Punit	P.	Chiniwalla	) inventor
		First Name	Middle Initial	Last Name	
City	(3) Signed at				
Date	on				signature
		(John	A.	Guckenberger)	inventor
		First Name	Middle Initial	Last Name	
City	(4) Signed at				
Date	on				signature
		(Jeffrey	A.	Kash	) inventor
		First Name	Middle Initial	Last Name	
City	(5) Signed at				
Date	on				signature
		(Jeremy	D.	Schaub	) inventor
		First Name	Middle Initial	Last Name	
City	(6) Signed at				
Date	on				signature
		Michael		Tan	) inventor
		First Name	Middle Initial	Last Name	
City	(7) Signed at				
Date	on				signature
		(Jeannine	M.	Trewhella) inventor
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City	(8) Signed at				
Date	on				signature
		(Garry		Trott) inventor
		First Name	Middle Initial	Last Name	

Pleasantville, NJ
March 2, 2006

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ASSIGNMENT

City	(1) Signed at			
Date	on			signature
		(Russell	A.	Budd
		First Name	Middle Initial	Last Name
				) inventor
City	(2) Signed at			
Date	on			signature
		(Punit	P.	Chiniwalla
		First Name	Middle Initial	Last Name
				) inventor
City	(3) Signed at			
Date	on			signature
		(John	A.	Guckenberger
		First Name	Middle Initial	Last Name
				) inventor
City	(4) Signed at			
Date	on			signature
		(Jeffrey	A.	Kash
		First Name	Middle Initial	Last Name
				) inventor
City	(5) Signed at			
Date	on March 2, 2006			signature
		(Jeremy	D.	Schaub
		First Name	Middle Initial	Last Name
				) inventor
City	(6) Signed at			
Date	on			signature
		Michael		Tan
		First Name	Middle Initial	Last Name
				) inventor
City	(7) Signed at			
Date	on			signature
		(Jeannine	M.	Trewhella
		First Name	Middle Initial	Last Name
				) inventor
City	(8) Signed at			
Date	on			signature
		(Garry		Trott
		First Name	Middle Initial	Last Name
				) inventor

Docket: 19128

ASSIGNMENT

City (1) Signed at *San Jose, CA*

Date on *March 8, 2006*



Michael **Tan**
First Name Middle Initial Last Name

signature
) inventor

City (2) Signed at

Date on *March 8, 2006*



(Garry **Trott**
First Name Middle Initial Last Name

signature
) inventor

IBM Docket No.: YOR920050419US1
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ASSIGNMENT

City	(1) Signed at			
Date	on			signature
		(Russell	A.	Budd
		First Name	Middle Initial	Last Name
) inventor
City	(2) Signed at			
Date	on			signature
		(Punit	P.	Chiniwalla
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) inventor
City	(3) Signed at			
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		(John	A.	Guckenberger
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) inventor
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		(Jeffrey	A.	Kash
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) inventor
City	(5) Signed at			
Date	on			signature
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		Michael		Tan
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		(Jeannine	M.	Trewhella
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