7.3103 Form PTO-1595

08-11-2003 RECORDAT 102520523

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U.S. Department of Commerce

PATENTS ONLY

To the Honorable Commissioner of Patents and Trademark priginal documents or copy thereof.	ks. Please record the attached
1. Name of conveying party(ies): A)Alan F. Benner	2. Name and address of receiving party(ies): Name: INTERNATIONAL BUSINES MACHINES CORPORATION Address: New Orchard Road Armonk, NY 10504
More names attached?Y _x_N	More names attached?Y _x
3. Nature of Conveyance: <u>x</u> Assignment	
4. Application number: Filed: Filed with new application: X yes no Execution date(s): 10/63/93 a) July 3, 2003 g) July 7, 2003 b) July 7, 2003 h) c) July 30, 2003 i) d) July 7, 2003 j) e) July 16, 2003 k) f) July 7, 2003 l) Additional numbers attached?Y	17958
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Floyd A. Gonzalez IBM Corporation Intellectual Property Law 2455 South Road, P386 Poughkeepsie, New York 12601	6. Total # of applications and patents involved: 01 7. Total fee (37 CFR 3.41): \$\frac{40.00}{}.\$ 8. Charge to Deposit Account 09-0463 (IBM).
DO NOT USE THIS SPACE	
9. Statement and Signature: To the best of my known information is true and correct and any attached copy original document. Susan L. Nelson Signature	
Total number of pages including cover sheet, atta	achments, and document:11_
Express Mail Label No. (if applicable): EU2802607050	JS Docket No.: POU920030015US1

ASSIGNMENT

Whereas, We

Inventor	(1)	Alan F. Benner of 19 Ridgeview R County of Dutchess	oad, City of Poughkeepsie and State of NY 12603
Inventor	(2)	Evan G. Colgan of 26 Lomond Aven County of Rockland	ue, City of Chestnut Ridge and State of NY 10977
Inventor	(3)	How Tzu Lin of 1200 Hartwick Lan County of Broome	e, City of Vestal and State of NY 13850
Inventor	(4)	John H. Magerlein of 1424 Trout : City of Yorktown Heights County of Westchester	
Inventor	(5)	Frank L. Pompeo of 76 Pocahontas County of Fairfield	Road, City of Redding and State of CT 06896
Inventor	(6)	Subhash L. Shinde of 43 East Hil County of Westchester	
Inventor	(7)	Daniel J. Stigliani, Jr. of 5 Ric City of Hopewell Junction County of Dutchess	dgeview Road, and State of NY 12533
have inver	ited	certain improvements in	
METHOD	AND	APPARATUS FOR PROVIDING OPTOELEC ELECTRONIC DEVIC	
and execut	ed,	respectively, a United States par	tent application therefore on
(1)	7. 3	3.2003 (2) <u> </u>	
(3)		(4)	
(5)		(6)	
(7)	2 1	7.2003	

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, and, 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 and Trademarks 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		
(1)	on	Alan F. Benner
	on	
(2)	at	Evan G. Colgan
	on	
(3)	at	
	on	How Tzu Lin
(4)	at	John H. Magerlein
	on	John II. Magerrein
(5)	at	Frank L. Pompeo
	on	riank b. Fompeo
(6)	at	Subhash L. Shinde
	on	Subliasii II. Siiiide
(7)	at Poughkeepsie NY	Pariel Straffianis.
(7)	7:2:2003	Daniel J. Stigliani, Jr.

Docket No.POU920030015US1

ASSIGNMENT

Whereas, We

(7)

Inventor	(1)	Alan F. Benner of 19 Ridgeview Road, City of Poughkeepsie County of Dutchess and State of NY 12603
Inventor	(2)	Evan G. Colgan of 26 Lomond Avenue, City of Chestnut Ridge County of Rockland and State of NY 10977
Inventor	(3)	How Tzu Lin of 1200 Hartwick Lane, City of Vestal County of Broome and State of NY 13850
Inventor	(4)	John H. Magerlein of 1424 Trout Brook Drive, City of Yorktown Heights County of Westchester and State of NY 10598
Inventor	(5)	Frank L. Pompeo of 76 Pocahontas Road, City of Redding County of Fairfield and State of CT 06896
Inventor	(6)	Subhash L. Shinde of 43 East Hill Road, City of Cortlandt Manor County of Westchester and State of NY 10567
Inventor	(7)	Daniel J. Stigliani, Jr. of 5 Ridgeview Road, City of Hopewell Junction County of Dutchess and State of NY 12533
have inven	ted	certain improvements in
METHOD	AND	APPARATUS FOR PROVIDING OPTOELECTRONIC COMMUNICATION WITH AN ELECTRONIC DEVICE
and execut	ed,	respectively, a United States patent application therefore on
(1)		(2)
(3)		(4)
(5)		(6) <u>\$7/\$7/\$3</u>

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Signed

Docket No.POU920030015US1 Page 2 of 2

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(1)	at	Man F. Benner
	on	Alan F. Benner
(2)	at	
	on	Evan G. Colgan
(3)	at	How Tzu Lin
	on	
(4)	at	
(=)		John H. Magerlein
	on	
(5)	at	
	on	Frank L. Pompeo
		Subhash L. Shinde
(6)	onEart Fishkill, NY	Subhash L. Shinde
	on <u>97/97/03</u>	Sobiasi D. Shinde
(7)	at	
	on	Daniel J. Stigliani, Jr.

Docket No.POU920030015US1

ASSIGNMENT

Whereas, We

Inventor	(1)	Alan F. Benner of 19 Ridgeview Road, City of Poughkeepsie County of Dutchess and State of NY 12603
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Inventor	(7)	Daniel J. Stigliani. Jr. of 5 Ridgeview Road, City of Hopewell Junction County of Dutchess and State of NY 12533
have inver	ted	certain improvements in
METHOD	AND	APPARATUS FOR PROVIDING OPTOELECTRONIC COMMUNICATION WITH AN ELECTRONIC DEVICE

	executed, respectively,				
(1)	7.3-2003	 (2) _			
(3)	7-30-2003	(4)	-		
	7.7-2003	· · · <u>—</u>		~~~~	

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Docket No.POU920030015US1
Page 2 of 2

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Signed	at Polighteepsie NV	Man F. Benner
(1)	on 7.3-2003	Alan F. Benner
(2)	on .	Evan G. Colgan
(3)	on T-30-2003	Now Tru Lin
(4)	at	John H. Magerlein
(5)	at	Frank L. Pompeo
(6)	at	Subhash L. Shinde
(7)	at Poughkeopsie NY	Daniel J. Stigliani Jr.

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Docket No.P0U920030015U51

ASSIGNMENT

Whereas, We

Inventor	(1)	Alan F. Benner of 19 Ridgevi County of Dutchess	ew Road, City of Poughkeepsie and State of NY 12603
Inventor	(2)	Evan G. Colgan of 26 Lomond a County of Rockland	Avenue, City of Chestnut Ridge and State of NY 10977
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Inventor	(4)	John H. Magerlein of 1424 Tre City of Yorktown Heights County of Westchester	
Inventor	(5)	Frank L. Pompeo of 76 Pocahor County of Fairfield	ntas Road, City of Redding and State of CT 06896
Inventor	(6)	Subhash L. Shinde of 43 East County of Westchester	Hill Road, City of Cortlandt Mano and State of NY 10567
Inventor	(7)	Daniel J. Stigliani, Jr. of St	5 Ridgeview Road, and State of NY 12533
		certain improvements in APPARATUS FOR PROVIDING OPTO ELECTRONIC D	ELECTRONIC COMMUNICATION WITH AN
and execut	ed,	respectively, a United States	s patent application therefore on
(1)		(2)	7/7/03
(3)		(4)	7/7/03

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(5) ______(6) _____

JUL 03 '03 12:14 FR

Docket No.POU920030015US1 Page 2 of 2

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Signed

(1)	at	Alan F. Benner
(2)	on 7/7/03	Evan G. Colgan
(3)	at	How Tzu Lin
(4)	on 7/7/03	John H. Magerlein
(5)	on	Frank L. Pompeo
(6)	on	Subhash L. Shinde
(7)	at	Daniel J. Stigliani, Jr.

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Docket No.P0U920030015US1

ASSIGNMENT

Whereas, We

Inventor	(1)	Alan F. Benner of 19 Ridgeview R County of Dutchess	Road, City of Poughkeepsie and State of NY 12603
Inventor	(2)	Evan G. Colgan of 26 Lomond Aver County of Rockland	nue, City of Chestnut Ridge and State of NY 10977
Inventor	(3)	How Tzu Lin of 1200 Hartwick Lar County of Broome	ne, City of Vestal and State of NY 13850
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Inventor	(7)	Daniel J. Stigliani, Jr. of 5 Ri City of Hopewell Junction County of Dutchess	dgeview Road, and State of NY 12533
nave inven	Бэз	certain improvements in	
METHOD	AND	APPARATUS FOR PROVIDING OPTOELEC	TRONIC COMMUNICATION WITH AN

ELECTRONIC DEVICE

and	executed,	respectively,	a	United	States	patent	application	therefore	on
(1)					(2)	7/7/	103		
(3)					(4)	7/7	103		
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				!					

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Docket No.POU920030015US1 Page 2 of 2

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Signed		40
(1)	at Polighkeepsie NV	Alan F. Benner
	on	Alan F. Senner
(2)	at	Evan G. Colgan
	on	Evan G. Corgan
(3)	at	How Tzu Lin
	on	now 15d HIII
(4)	at	John H. Magerlein
	on	
(5)	at EAST FISHKILL, N.Y.	Frank L. Pompeo
	on <u>7-16-2003</u>	reary b. Fampeo
(6)	at	Subhash L. Shinde
	on	Sublicati D. Sillinge
(7)	at Poughkeepsu NY	Daniel Stiglin: A
	7-2-2003	Daniel J. Stigliani, Jr.

RECORDED: 07/31/2003