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n place of Form PTO-1595	05-23-2003	Docket No. AUS920030037US1 T
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To the Commissioner for Patents: Pleas	100455400	copy thereof.
1. Name of conveying party(ies):	5/15/03 Execut	ion Date:
<ol> <li>(1) MARK GREGORY ALANA</li> <li>(2) BARRY S. BARNETT</li> <li>(3) BINH THANH CHU</li> <li>(4) CASIMER MAURICE DECUSATIS</li> </ol>		5/12/03 5/12/03 5/12/03 5/12/03 5/9/03
Additional name(s) of conveying party(ies) attached?	Yes <u>x</u> No	
2. Name and address of receiving party(ies	s): 3. Nati	re of conveyance:
International Business Machines Corporation	on <u>X</u> A	ssignment Merger
New Orchard Road Armonk, New York 10504		ecurity Agreement Change of Name
	0	ther
If this document is being filed together with (1) <u>S 12 03</u> (2) <u>S 12 03</u> A. Patent Application No.(s)		
	B. Patent No.(s)6. Tota	
<ul> <li>A. Patent Application No.(s)</li> <li>5. Name and address of party to whom correspondence concerning document should be mailed:</li> <li>Mark E. McBurney IBM Corporation Intellectual Property Law</li> </ul>	B. Patent No.(s) 6. Tota inv 7. Tota	l number of applications and patents
A. Patent Application No.(s) 5. Name and address of party to whom correspondence concerning document should be mailed: Mark E. McBurney IBM Corporation	B. Patent No.(s) 6. Tota inv 7. Tota X	I number of applications and patents Dived: <u>1</u> I fee (37 CFR 3.41) \$ <u>40.00</u> Enclosed
<ul> <li>A. Patent Application No.(s)</li> <li>5. Name and address of party to whom correspondence concerning document should be mailed:</li> <li>Mark E. McBurney IBM Corporation  Intellectual Property Law  11400 Burnet Road  Austin, TX 78758</li></ul>	B. Patent No.(s) 6. Tota inv 7. Tota X	I number of applications and patents olved: <u>1</u> I fee (37 CFR 3.41) \$ <u>40.00</u> Enclosed Authorized to be charged to deposit account
<ul> <li>A. Patent Application No.(s)</li> <li>5. Name and address of party to whom correspondence concerning document should be mailed:</li> <li>Mark E. McBurney IBM Corporation  Intellectual Property Law  11400 Burnet Road  Austin, TX 78758</li></ul>	B. Patent No.(s) 6. Tota inv 7. Tota X	I number of applications and patents blved: 1 I fee (37 CFR 3.41) \$ 40.00 Enclosed Authorized to be charged to deposit account osit account number: 09-0447
A. Patent Application No.(s) 5. Name and address of party to whom correspondence concerning document should be mailed: Mark E. McBurney IBM Corporation Intellectual Property Law 11400 Burnet Road Austin, TX 78758 (512) 823-1003	B. Patent No.(s) 6. Tota inv 7. Tota X 8. Dep	I number of applications and patents blved: 1 I fee (37 CFR 3.41) \$ 40.00 Enclosed Authorized to be charged to deposit account osit account number: 09-0447
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A. Patent Application No.(s) 5. Name and address of party to whom correspondence concerning document should be mailed: Mark E. McBurney IBM Corporation Intellectual Property Law 11400 Burnet Road Austin, TX 78758 (512) 823-1003 9. Statement and signature. To the best of my knowledge and belief, th of the original document.	B. Patent No.(s) 6. Tota inv 7. Tota X 8. Dep DO NOT USE THIS SP	I number of applications and patents blved: 1 I fee (37 CFR 3.41) \$ $40.00$ Enclosed Authorized to be charged to deposit account osit account number: 09-0447 ACE ue and correct and any attached copy is a true co 5 -13 - 03
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PATENT REEL: 014088 FRAME: 0001

### ASSIGNMENT

Whereas, we,

(1) Mark Gregory Alana	of Austin
County of <u>Travis</u>	and State of Texas

and

(2) Barry S. Barnett	of Austin
County of <u>Travis</u>	and State of <u>Texas</u>

and

(3) <u>Binh Thanh Chu</u>	of <u>Austin</u>
County of <u>Travis</u>	and State of <u>Texas</u>

and

(4) Casimer Maurice De	Cusatis of Poughkeepsie
County of <u>Dutchess</u>	and State of <u>New York</u>

have invented certain improvements in

## HIGHLY AVAILABLE REDUNDANT OPTICAL MODULES USING SINGLE NETWORK CONNECTION

and executed,	respectively,	a United	States	patent,	application	therefor	e on
(Dates_Invento	ors Signed Decla	ration) (1	1) 5	112/2	2003	, 2003,	
(2) 5 12 7	2003	_, 2003, (	(3) 5	112/0	2003	, 2003,	and
(4)		, 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 therefore;

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. AUS920030037US1

(1) Signed at <u>Austin</u> on <u>S/(2</u>, 2003. Mult Gregory Alana and (2) Signed at <u>Austin</u> on 5/12/2003, 2003. Barry S. Barnett and (3) Signed at \_\_\_\_\_ Austin \_\_\_\_\_ on 5/12/2003, 2003. Binh Thanh Chu and (4) Signed at \_\_\_\_\_Poughkeepsie \_\_\_\_\_ on \_\_\_\_\_,2003.

Casimer Maurice DeCusatis

1

IBM DOCKET NO. AUS920030037US1

### ASSIGNMENT

of <u>Austin</u>

of Austin

and State of Texas

and State of Texas

Whereas, we,

(1) <u>Mark Gregory Alana</u>	of <u>Austin</u>
County of <u>Travis</u>	and State of <u>Texas</u>

and

(2) <u>Barry S. Barnett</u> County of <u>Travis</u>

and

(3) <u>Binh Thanh Chu</u> County of <u>Travis</u>

anđ

(4) <u>Casimer Maurice DeCusatis</u> of <u>Poughkeepsie</u> County of <u>Dutchess</u> and State of <u>New York</u>

have invented certain improvements in

### HIGHLY AVAILABLE REDUNDANT OPTICAL MODULES USING SINGLE NETWORK CONNECTION

and executed,	respectively, a	. United Stat	tes patent	application	therefore	e on
(Dates Invento	ors Signed Declar	ation) (1)			_, 2003,	
(2)		, 2003, (3)			_, 2003,	and
(4) May 9		, 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 therefore;

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.



5/09/2003	17:36	845-432-94	00	IBM BLD	706 2 2WGO2	PAGE
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(1)	Signed at	<u>Austi</u>	n	on		, 2003.
						Mark Gregory Alana
and	(2) Signe	dat	Austin	оп		, 2003.
			-			Barry S. Barnett
and	(3) Signed	đat	Austin	on _		, 2003 .
			-			Binh Thanh Chu
and	(4) Signed	d at	<u>Pquahkeepsie</u>	no	May 9	,2003.
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PAGE 04

Page 2 of 2



Casimer Maurice DeCusatis