FORM PTO-1595 (Modified) (Rev. 6-93) OMB No. 0651-0011 (exp.4/94) Copyright 1996-97 LegalStar 04-17-2001

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Docket No.: BUR920000088US1(13774)

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

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Tab settings → → → ▼ 10167	72730 <u>▼</u>	▼ ▼			
To the Honorable Commissioner of Patents and Trademarks	:: Please record the attached of	original documents or copy thereo			
1. Name of conveying party(ies): 1. James Stuart Dunn, 2. David L. Harame, 3. Jeffrey Bowman Johnson, 4. Robb Allen Johnson, 5. Levis DaWelf Languagetti 6. Stephen Arthur St. Ongo.	Name and address of receiving party(ies): Name: International Business Machines Corporation				
5. Louis DeWolf Lanzerotti, 6. Stephen Arthur St. Onge	Address: New Orchard	Road (2)			
Additional names(s) of conveying party(ies) attached?		8 U. / 81(
3. Nature of conveyance: 3/6 ■ Assignment □ Merger	01	JC97			
☐ Security Agreement ☐ Change of Name	City: Armonk	State/Prov.: New York			
☐ Other	Country: U.S.A.	ZIP: 10504			
3/13/01; $63/13/01$; $03/13/01$; $03/13/01$; Execution Date: $63/14/01$; $63/13/01$	Additional name(s) & address(es)	attached? □ Yes ☑ No			
I. Application number(s) or registration numbers(s): If this document is being filed together with a new application		83/13/0/ 83/13/8/ pplication is: 83/13/0/			
Patent Application No. Filing date	B. Patent No.(s)	pplication is: <u>03//3/0/</u> 03//3/0/ 03//4/0/			
	098/0854	03/13/01			
5. Name and address of party to whom correspondence	attached? ☐ Yes ☑ No 6. Total number of applicat				
i. Name and address of party to whom correspondence concerning document should be mailed:	attached? Yes No 6. Total number of applicat	ions and patents involved:			
Name and address of party to whom correspondence concerning document should be mailed: Name: Richard L. Catania	attached? 🔲 Yes 🔀 No	ions and patents involved:			
Name and address of party to whom correspondence concerning document should be mailed: Name: Richard L. Catania Registration No. 32,608	6. Total number of applicat 7. Total fee (37 CFR 3.41):	ions and patents involved: 1 40.00 ess or insufficiency should be			
Name and address of party to whom correspondence concerning document should be mailed: Name: Richard L. Catania	6. Total number of applicat 7. Total fee (37 CFR 3.41): □ Enclosed - Any exce	ions and patents involved: 1 40.00 ess or insufficiency should be			
Name and address of party to whom correspondence concerning document should be mailed: Name: Richard L. Catania Registration No. 32,608 Address: Scully, Scott, Murphy & Presser	6. Total number of applicat 7. Total fee (37 CFR 3.41): Enclosed - Any excecredited or debited to	ions and patents involved: 1 40.00 ess or insufficiency should be o deposit account arged to deposit account			
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Richard L. Catania Registration No. 32,608 Address: Scully, Scott, Murphy & Presser 400 Garden City Plaza	7. Total fee (37 CFR 3.41): Enclosed - Any excecredited or debited to a Authorized to be chase. 8. Deposit account number	ions and patents involved: 1 40.00 ess or insufficiency should be o deposit account arged to deposit account			
i. Name and address of party to whom correspondence concerning document should be mailed: Name: Richard L. Catania Registration No. 32,608 Address: Scully, Scott, Murphy & Presser 400 Garden City Plaza (516)742-4343	6. Total number of applicat 7. Total fee (37 CFR 3.41): Enclosed - Any excecredited or debited to	ions and patents involved: 1 40.00 ess or insufficiency should be o deposit account arged to deposit account			
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Richard L. Catania Registration No. 32,608 Address: Scully, Scott, Murphy & Presser 400 Garden City Plaza (516)742-4343 City: Garden City State/Prov.: New York Country: U.S.A. ZIP: 11530	7. Total fee (37 CFR 3.41): Enclosed - Any excecredited or debited to a Authorized to be chase. 8. Deposit account number	ions and patents involved: 1 40.00 ess or insufficiency should be o deposit account arged to deposit account			
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Richard L. Catania Registration No. 32,608 Address: Scully, Scott, Murphy & Presser 400 Garden City Plaza (516)742-4343 City: Garden City State/Prov.: New York Country: U.S.A. ZIP: 11530	Attached? Yes No 6. Total number of applicate 7. Total fee (37 CFR 3.41): Enclosed - Any excecredited or debited to a second to be chased. 8. Deposit account number 19-0456/IBM	ions and patents involved: 1 40.00 ess or insufficiency should be o deposit account arged to deposit account			
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Richard L. Catania Registration No. 32,608 Address: Scully, Scott, Murphy & Presser 400 Garden City Plaza (516)742-4343 City: Garden City State/Prov.: New York Country: U.S.A. ZIP: 11530 DO NOT	Attached? Yes No 6. Total number of applicate 7. Total fee (37 CFR 3.41): Enclosed - Any excecredited or debited to a second to be chased. 8. Deposit account number 19-0456/IBM	ions and patents involved: 1 40.00 ess or insufficiency should be o deposit account arged to deposit account			

REEL: 011676 FRAME: 0620

ASSIGNMENT

Whereas, we

Inventor and City (1) James Stuart Dunn County of Chittenden

City of Jericho and State of Vermont

and

(2) David L. Harame County of Chittenden **City of Essex Junction** and State of Vermont

and

(3) Jeffrey Bowman Johnson County of Chittenden

City of Essex Junction and State of Vermont

and

(4) Robb Allen Johnson County of Chittenden

City of S. Burlington and State of Vermont

and

(5) Louis DeWolf Lanzerotti County of Chittenden

City of Burlington and State of Vermont

and

(6) Stephen Arthur St. Onge County of Chittenden

City of Colchester and State of Vermont

have invented certain improvements in

Title

EPITAXIAL BASE BIPOLAR TRANSISTOR WITH RAISED EXTRINSIC BASE

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

Inventors

Signed the Declaration (1) MARCH 13.

2001, and (2) MARCH 13,

2001, and 2001, and

(3) NAREH 13.

2001, and (4) MARCH 13, 2001, and (6) MARCH 13,

2001.

(5) MARCH 14

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 filling 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.

City

(1) Signed at 1 5564 JCT VT

Date

on MARCH 13, 2001

S.

Middle Initial

) inventor

Last Name

PATENT

REEL: 011676 FRAME: 0621

ASSIGNMENT (Continued)

EPITAXIAL BASE BIPOLAR TRANSISTOR WITH RAISED EXTRINSIC BASE

RECORDED: 03/16/2001

Title

City	(2) Signed at SSEX JC	1. VT) sej			
Date	on Morch 13,	2001	David First Name	L. I Middle Initial	Harame Last Name	signature) inventor
City	(3) Signed at Essay Joh.	, VI.	A 14		1	
Date	on Marc(13,	2001	(v - 3)	В	Johnson) Last Name	signature inventor
City	(4) Signed at ESSEX Jud	TION, VT				
Date	on MARCH 13 ,	2001	(Robb First Name	A. Middle Initial		signature inventor
City	(5) Signed at Freex	Intern 1)	
Date	on March 14,	2001	Louis First Name Mid	Idle Initial	Lanzerotti) Last Name	signature inventor
City	(6) Signed at Essex June	ction, VT	0	α :	010	
Date	on Musch 13	2001	(Stephen First Name	A. A. Middle Initial	St. Onge Last Name	signature) inventor

REEL: 011676 FRAME: 0622