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RECORDATION FORM COVER SHEET - PATENTS ONLY

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

1. Name of conveying party(ies):		2. Name and Address of receiving Party(ies):	
a) <u>Peter J. CAMPORESE</u>	g) _____	Name: INTERNATIONAL BUSINESS MACHINES CORPORATION	
b) <u>Allan H. DANSKY</u>	h) _____	Address: New Orchard Road	
c) <u>Howard H. SMITH</u>	i) _____	Armonk, NY 10504	
d) _____	j) _____		
e) _____	k) _____		
f) _____	l) _____		
More names attached? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N		More names attached? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	
3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment			
4. Application number: _____ Filed: _____			
Filed with new application: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			
Execution date(s):			
a) October 20, 1999	g) _____		
b) October 19, 1999	h) _____		
c) October 19, 1999	i) _____		
d) _____	j) _____		
e) _____	k) _____		
f) _____	l) _____		
Additional numbers attached? <input type="checkbox"/> Y <input checked="" type="checkbox"/> N			
5. Name and address of party to whom correspondence concerning document should be mailed:		6. Total # of applications and patents involved: <u>01</u>	
Lynn L. Augspurger IBM Corporation, Intellectual Property Law 2455 South Road, MS P386 Poughkeepsie, NY 12601-5400		7. Total fee (37 CFR 3.41): \$ <u>40.00</u>	
		8. Charge to Deposit Account 09-0463.	
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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.			
<u>Susan L. Phelps</u>		<u>Susan Phelps</u>	
Signature		Date <u>10/21/99</u>	
Total # of pages comprising cover sheet, attachments, and document: <u>3</u>			
Express Mail Label: (if applicable) EJ896411863US Docket No.: <u>PO9-99-115</u>			

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PATENT
REEL: 010339 FRAME: 0991

A S S I G N M E N T

Whereas, We

Inventor	(1) Peter J. CAMPORESE County of Dutchess	of Hopewell Junction, and State of New York,
Inventor	(2) Allan H. DANSKY County of Dutchess	of Poughkeepsie, and State of New York,
Inventor	(3) Howard H. SMITH County of Dutchess	of Beacon, and State of New York,

have invented certain improvements in

**MINIMAL LENGTH METHOD FOR POSITIONING UNIT PINS
IN A HIERARCHICALLY DESIGNED VLSI CHIP**

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


- (1) *October 20, 1999* . (2) *October 19, 1999*; and
(3) *October 19, 1999* .

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;

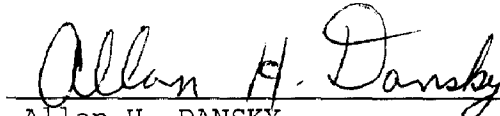
Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, and, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign 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

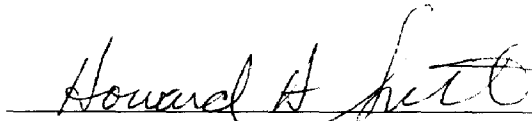
1. at Poughkeepsie, NY
on Oct. 20, 1999


Peter J. CAMPORESE

2. at Poughkeepsie, NY
on Oct. 19, 1999


Allan H. DANSKY

3. at Poughkeepsie, NY
on 10/19/99


Howard H. SMITH