

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table><tr><th>Name</th><th>Execution Date</th></tr><tr><td>David J Frank</td><td>02/23/2007</td></tr><tr><td>Douglas C La Tulipe, Jr.</td><td>02/23/2007</td></tr><tr><td>Leathen Shi</td><td>03/02/2007</td></tr><tr><td>Steven E Steen</td><td>02/23/2007</td></tr><tr><td>Anna W Topol</td><td>02/23/2007</td></tr></table>	Name	Execution Date	David J Frank	02/23/2007	Douglas C La Tulipe, Jr.	02/23/2007	Leathen Shi	03/02/2007	Steven E Steen	02/23/2007	Anna W Topol	02/23/2007	
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RECEIVING PARTY DATA													
<table><tr><td>Name:</td><td>International Business Machines Corporation</td></tr><tr><td>Street Address:</td><td>New Orchard Road</td></tr><tr><td>City:</td><td>Armonk</td></tr><tr><td>State/Country:</td><td>NEW YORK</td></tr><tr><td>Postal Code:</td><td>10504</td></tr></table>	Name:	International Business Machines Corporation	Street Address:	New Orchard Road	City:	Armonk	State/Country:	NEW YORK	Postal Code:	10504			
Name:	International Business Machines Corporation												
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PROPERTY NUMBERS Total: 1													
<table><tr><th>Property Type</th><th>Number</th></tr><tr><td>Application Number:</td><td>11682638</td></tr></table>	Property Type	Number	Application Number:	11682638									
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Application Number:	11682638												
CORRESPONDENCE DATA													
Fax Number: (516)742-4366 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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NAME OF SUBMITTER:	Leslie S. Szivos												

CH \$40.00 11682638

Total Attachments: 2

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ASSIGNMENT

Whereas, we

Inventor and City	(1) David J. Frank County of Westchester	City of Yorktown Heights and State of New York
and	(2) Douglas C. La Tulipe, Jr. County of Fairfield	City of New Fairfield and State of Connecticut
and	(3) Leathen Shi County of Westchester	City of Yorktown Heights and State of New York
and	(4) Steven E. Steen County of Westchester	City of Peekskill and State of New York
and	(5) Anna W. Topol County of Westchester	City of Jefferson Valley and State of New York

have invented certain improvements in

Title METHOD FOR PREPARING 2-DIMENSIONAL SEMICONDUCTOR DEVICES FOR
INTEGRATION IN A THIRD DIMENSION

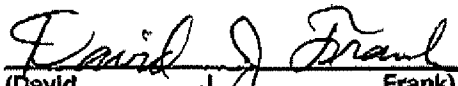
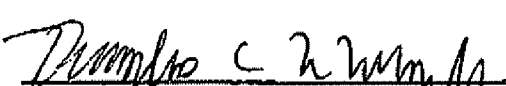
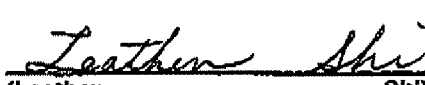
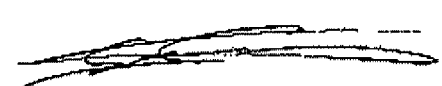
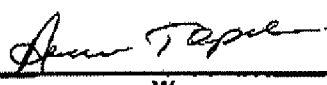
Dates That
Inventors
Signed the
Declaration and have executed, respectively, a United States patent application therefor on

(1) February 23,	2007, and (2) February 23,	2007, and
(3) 3/2/07 JS	2007, and (4) 2/2/07 JS	2007, and
(5) 2/23/07 AT	2007.	

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.

ASSIGNMENT

City	(1) Signed at				
Date	on 2/23/07		signature		
		(David J. Frank)	inventor		
		First Name Middle Initial Last Name			
City	(2) Signed at				
Date	on 2/23/07		signature		
		(Douglas C. LaTulipe, Jr.)	inventor		
		First Name Middle Initial Last Name			
City	(3) Signed at Yorktown Heights, NY				
Date	on 3/2/07		signature		
		(Leathen Shi)	inventor		
		First Name Middle Initial Last Name			
City	(4) Signed at				
Date	on 2/23/07		signature		
		(Steven E. Steen)	inventor		
		First Name Middle Initial Last Name			
City	(5) Signed at				
Date	on 2/23/07		signature		
		(Anna W. Topol)	inventor		
		First Name Middle Initial Last Name			