

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
John Richard Dangler		03/26/2008
Matthew Stephen Doyle		04/04/2008
RECEIVING PARTY DATA		
Name:	International Business Machines Corporation	
Street Address:	New Orchard Road	
City:	Armonk	
State/Country:	NEW YORK	
Postal Code:	10504	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	12101441	
CORRESPONDENCE DATA		
Fax Number:	(507)253-2382	
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>		
Phone:	5072532555	
Email:	elseth@us.ibm.com	
Correspondent Name:	Matthew C. Zehrer	
Address Line 1:	3605 Highway 52 North	
Address Line 4:	Rochester, MINNESOTA 55901	
ATTORNEY DOCKET NUMBER:	ROC920070124US1	
NAME OF SUBMITTER:	Matthew C. Zehrer	
Total Attachments: 2		
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PATENT  
 REEL: 020790 FRAME: 0381

**ASSIGNMENT**

Whereas, we

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|-----|--|--|
| (1) | John Richard Dangler<br>County of Olmsted  | City of Rochester,<br>and State of Minnesota |
| (2) | Matthew Stephen Doyle<br>County of Olmsted | City of Rochester,<br>and State of Minnesota |

have invented certain improvements in

**CONTROLLING IMPEDANCE AND THICKNESS VARIATIONS FOR MULTILAYER  
ELECTRONIC STRUCTURES**

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

Dates Inventors

Signed

Declaration (1) March 26 , 2008 (2) April 4 , 2008

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 in all 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 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

Inventor  
(1)

at Rochester, Minnesota


  
(John Richard Dangler)  
First Name Middle Last Name

Inventor  
Signature

on 3/26, 2008.

Inventor  
(2)

at Rochester, Minnesota

  
(Matthew Stephen Doyle)  
First Name Middle Last Name

Inventor  
Signature

on 4-9, 2008.