

## PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Kanak B. Agarwal</td><td>01/26/2007</td></tr><tr><td>Sani R. Nassif</td><td>02/09/2007</td></tr></tbody></table>	Name	Execution Date	Kanak B. Agarwal	01/26/2007	Sani R. Nassif	02/09/2007	
Name	Execution Date						
Kanak B. Agarwal	01/26/2007						
Sani R. Nassif	02/09/2007						
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							
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11673025</td></tr></tbody></table>	Property Type	Number	Application Number:	11673025			
Property Type	Number						
Application Number:	11673025						
CORRESPONDENCE DATA							
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Total Attachments: 2 source=assignment#page1.tif source=assignment#page2.tif							

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PATENT

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REEL: 018873 FRAME: 0184

**ASSIGNMENT**

Whereas, we,

- |  |                              |
|--|------------------------------|
| (1) <u><b>Kanak B. Agarwal</b></u><br>County of Travis   | of Austin<br>and State of TX |
| (2) <u><b>Sani R. Nassif</b></u><br>County of Williamson | of Austin<br>and State of TX |

have invented certain improvements in

**SCANNABLE VIRTUAL RAIL METHOD AND RING OSCILLATOR CIRCUIT FOR  
MEASURING VARIATIONS IN DEVICE CHARACTERISTICS**

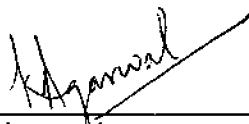
and executed, respectively, a United States patent application therefore on

**(Dates Inventors Signed Declaration)** (1) 01 / 26, (2007) and (2) 02 / 09, (2007) .

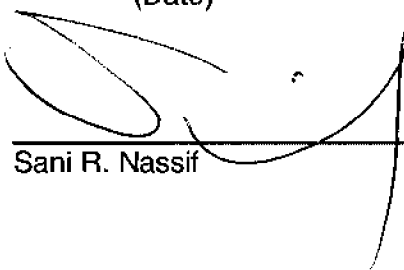
Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained 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.

(1) Signed at Austin on JAN 26, 2007.  
(City) (Date)

  
\_\_\_\_\_  
Kanak B. Agarwal

(2) Signed at Austin on Feb 9, 2007.  
(City) (Date)

  
\_\_\_\_\_  
Sani R. Nassif