

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Jerry C. Kao</td><td>11/21/2006</td></tr><tr><td>Jente B. Kuang</td><td>11/21/2006</td></tr><tr><td>Alan J. Drake</td><td>11/21/2006</td></tr><tr><td>Gary D. Carpenter</td><td>11/27/2006</td></tr><tr><td>Fadi H. Gebara</td><td>11/21/2006</td></tr></tbody></table>	Name	Execution Date	Jerry C. Kao	11/21/2006	Jente B. Kuang	11/21/2006	Alan J. Drake	11/21/2006	Gary D. Carpenter	11/27/2006	Fadi H. Gebara	11/21/2006	
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Gary D. Carpenter	11/27/2006												
Fadi H. Gebara	11/21/2006												
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>11563888</td></tr></tbody></table>	Property Type	Number	Application Number:	11563888									
Property Type	Number												
Application Number:	11563888												
CORRESPONDENCE DATA													
Fax Number: (512)823-1036 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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Address Line 4: Austin, TEXAS 78758													
ATTORNEY DOCKET NUMBER:	AUS920060748US1												
NAME OF SUBMITTER:	Casimer K. Salys												

CH \$40.00 11563888

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PATENT  
REEL: 018557 FRAME: 0790

Total Attachments: 3

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**ASSIGNMENT**

Whereas, we,

<sup>JK</sup>  
Ann Arbor <sup>JK</sup> Washtenaw <sup>JK</sup> Michigan <sup>JK</sup>  
(1) JERRY C. KAO of ~~ROCHESTER~~ County of ~~OLMSTED~~ and State of ~~MINNESOTA~~

(2) JENTE B. KUANG of AUSTIN County of TRAVIS and State of TEXAS

(3) ALAN J. DRAKE of ROUND ROCK County of WILLIAMSON and State of TEXAS

(4) GARY D. CARPENTER of the AUSTIN County of TRAVIS State of TEXAS

(5) FADI H. GEBARA of the AUSTIN County of TRAVIS State of TEXAS

have invented certain improvements in

**CIRCULAR EDGE DETECTOR**

and executed a United States patent application therefore on

(Date Inventor Signed Declaration)

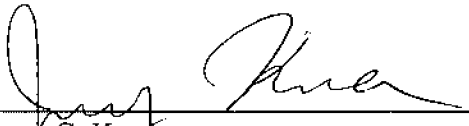
(1) 11/21, 2006; (2) 11/21, 2006; (3) 11/21, 2006;

(4) 11/27, 2006; and (5) 11/21/06, 2006.

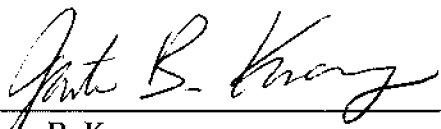
Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents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

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, I, 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 I 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 I hereby agree that IBM may apply for foreign Letters Patent on said invention and I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

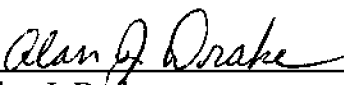
(1) Signed at Austin on 11/21, 2006.

  
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Jerry C. Kao

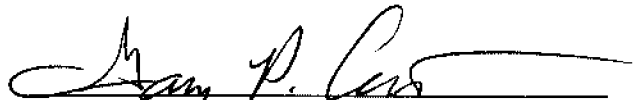
(2) Signed at Austin on 11/21, 2006.

  
\_\_\_\_\_  
Jen-Te B. Kuang

(3) Signed at Austin on 11/21, 2006.

  
\_\_\_\_\_  
Alan J. Drake

(4) Signed at Austin on 11/27/06, 2006.

  
\_\_\_\_\_  
Gary D. Carpenter

(5) Signed at AUSTIN on 11/22/06, 2006.

  
\_\_\_\_\_  
Fadi H. Gebara