

## 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>Hung T Dinh</td><td>01/09/2007</td></tr><tr><td>Teng Hu</td><td>01/09/2007</td></tr><tr><td>Dinh T Le</td><td>01/09/2007</td></tr><tr><td>Phong A Pham</td><td>01/09/2007</td></tr></tbody></table>	Name	Execution Date	Hung T Dinh	01/09/2007	Teng Hu	01/09/2007	Dinh T Le	01/09/2007	Phong A Pham	01/09/2007	
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Phong A Pham	01/09/2007										
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>11626868</td></tr></tbody></table>	Property Type	Number	Application Number:	11626868							
Property Type	Number										
Application Number:	11626868										
CORRESPONDENCE DATA											
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CH 11626868 \$40.00

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PATENT  
REEL: 018802 FRAME: 0210

Total Attachments: 2

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## ASSIGNMENT

Whereas, we,

- |   |                                      |
|---|--------------------------------------|
| (1) <u><b>Hung T. Dinh</b></u><br>County of Travis      | of Austin<br>and State of Texas      |
| (2) <u><b>Teng Hu</b></u><br>County of Travis           | of Austin<br>and State of Texas      |
| (3) <u><b>Dinh T. Le</b></u><br>County of Bexar         | of San Antonio<br>and State of Texas |
| (4) <u><b>Phong A. Pham</b></u><br>County of Williamson | of Austin<br>and State of Texas      |

have invented certain improvements in

### METHODS AND ARRANGEMENTS TO INDICATE A CHARGE FOR A CALL

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

(Dates Inventors Signed Declaration) (1) 11/09, (2007); (2) 1/09, (2007);  
(3) 1/19/1, (2007); and (4) 1/09, (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 1-09, 2007  
(City) (Date)

  
Hung T. Dinh

(2) Signed at Austin on 1-09, 2007  
(City) (Date)

  
Teng Hu

(3) Signed at Austin on 1/19, 2007  
(City) (Date)

  
Dinh T. Le

(4) Signed at Austin on 1-09, 2007  
(City) (Date)

  
Phong A. Pham