

## 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>Ahamed S. Anver</td><td>05/14/2008</td></tr><tr><td>Timothy J. Fletcher</td><td>05/07/2008</td></tr><tr><td>Edward G. Jellard</td><td>04/23/2008</td></tr><tr><td>William R. Smart</td><td>05/07/2008</td></tr><tr><td>Anton Stefanek</td><td>04/23/2008</td></tr><tr><td>Gavin P. Willingham</td><td>04/23/2008</td></tr></tbody></table>	Name	Execution Date	Ahamed S. Anver	05/14/2008	Timothy J. Fletcher	05/07/2008	Edward G. Jellard	04/23/2008	William R. Smart	05/07/2008	Anton Stefanek	04/23/2008	Gavin P. Willingham	04/23/2008	
Name	Execution Date														
Ahamed S. Anver	05/14/2008														
Timothy J. Fletcher	05/07/2008														
Edward G. Jellard	04/23/2008														
William R. Smart	05/07/2008														
Anton Stefanek	04/23/2008														
Gavin P. Willingham	04/23/2008														
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															
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12182664</td></tr></tbody></table>	Property Type	Number	Application Number:	12182664											
Property Type	Number														
Application Number:	12182664														
CORRESPONDENCE DATA															
Fax Number:	(612)607-7100														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone:	6126077000														
Email:	CHilberg@oppenheimer.com														
Correspondent Name:	Oppenheimer Wolff & Donnelly LLP														
Address Line 1:	45 South Seventh Street														
Address Line 2:	Plaza VII, Suite 3300														
Address Line 4:	Minneapolis, MINNESOTA 55402-1609														
ATTORNEY DOCKET NUMBER:	GB920080080US1 (3029)														

CH \$40.00 12182664

500607936

PATENT  
REEL: 021318 FRAME: 0875

NAME OF SUBMITTER:

Christopher R. Hilberg

Total Attachments: 10

source=GB920080080US1\_Assignment#page1.tif

source=GB920080080US1\_Assignment#page2.tif

source=GB920080080US1\_Assignment#page3.tif

source=GB920080080US1\_Assignment#page4.tif

source=GB920080080US1\_Assignment#page5.tif

source=GB920080080US1\_Assignment#page6.tif

source=GB920080080US1\_Assignment#page7.tif

source=GB920080080US1\_Assignment#page8.tif

source=GB920080080US1\_Assignment#page9.tif

source=GB920080080US1\_Assignment#page10.tif

**PATENT**

**REEL: 021318 FRAME: 0876**

## ASSIGNMENT

INVENTOR/CITY  
COUNTY/STATE

Whereas I/we

(1) Ahamed S. Anver	City of Colombo Country of Sri Lanka
(2) Timothy J. Fletcher County of Leicestershire	City of Woodhouse Eaves Country of United Kingdom
(3) Edward G. Jellard County of Hampshire	City of Southampton Country of United Kingdom
(4) William R. Smart County of Surrey	City of Limpsfield Country of United Kingdom
(5) Anton Stefanek County of London	City of London Country of United Kingdom
(6) Gavin P. Willingham County of Hampshire	City of Southampton Country of United Kingdom

HAVE INVENTED CERTAIN IMPROVEMENTS IN

TITLE

**METHOD TO REDUCE POWER CONSUMPTION OF STATIC WIRELESS BEACONS  
AND COST OF INFRASTRUCTURE**

and executed, respectively, a United States patent application therefor on the following date(s):

DATE(S) THAT  
INVENTOR(S)  
SIGNED THE  
DECLARATION

(1) <u>14-5-2007</u>	(2) _____
(3) _____	(4) _____
(5) _____	(6) _____

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at New Orchard Road, 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, including 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:

CITY  
DATE

(1) at Colombo Ahamed S. Anver  
on 14-5-2008 by

(2) at \_\_\_\_\_  
on \_\_\_\_\_ by

(3) at \_\_\_\_\_  
on \_\_\_\_\_ by

(4) at \_\_\_\_\_  
on \_\_\_\_\_ by

(5) at \_\_\_\_\_  
on \_\_\_\_\_ by

(6) at \_\_\_\_\_  
on \_\_\_\_\_ by

OPPENHEIMER: 2570126 v01 03/27/2008

***ASSIGNMENT***

Whereas I/we

INVENTOR/CITY  
COUNTY/STATE

(1) Ahamed S. Anver

City of Colombo  
Country of Sri Lanka(2) Timothy J. Fletcher  
County of LeicestershireCity of Woodhouse Eaves  
Country of United Kingdom(3) Edward G. Jellard  
County of HampshireCity of Southampton  
Country of United Kingdom(4) William R. Smart  
County of SurreyCity of Limpsfield  
Country of United Kingdom(5) Anton Stefanek  
County of LondonCity of London  
Country of United Kingdom(6) Gavin P. Willingham  
County of HampshireCity of Southampton  
Country of United Kingdom

HAVE INVENTED CERTAIN IMPROVEMENTS IN

TITLE

**METHOD TO REDUCE POWER CONSUMPTION OF STATIC WIRELESS BEACONS  
AND COST OF INFRASTRUCTURE**

and executed, respectively, a United States patent application therefor on the following date(s):

DATE(S) THAT  
INVENTOR(S)  
SIGNED THE  
DECLARATION

(1) _____	(2) _____
(3) _____	(4) _____
(5) _____	(6) _____

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at New Orchard Road, 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, including 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:

CITY  
DATE

(1) at \_\_\_\_\_  
on \_\_\_\_\_ by \_\_\_\_\_

(2) at York  
on 7TH MAY 2008 by Indekter

(3) at \_\_\_\_\_  
on \_\_\_\_\_ by \_\_\_\_\_

(4) at \_\_\_\_\_  
on \_\_\_\_\_ by \_\_\_\_\_

(5) at \_\_\_\_\_  
on \_\_\_\_\_ by \_\_\_\_\_

(6) at \_\_\_\_\_  
on \_\_\_\_\_ by \_\_\_\_\_

OPPENHEIMER: 2570126 v01 03/27/2008

# ASSIGNMENT

Whereas I/we

INVENTOR/CITY  
COUNTY/STATE

(1) Ahamed S. Anver	City of Colombo Country of Sri Lanka
(2) Timothy J. Fletcher County of Leicestershire	City of Woodhouse Eaves Country of United Kingdom
(3) Edward G. Jellard County of Hampshire	City of Southampton Country of United Kingdom
(4) William R. Smart County of Surrey	City of Limpsfield Country of United Kingdom
(5) Anton Stefanek County of London	City of London Country of United Kingdom
(6) Gavin P. Willingham County of Hampshire	City of Southampton Country of United Kingdom

HAVE INVENTED CERTAIN IMPROVEMENTS IN

TITLE

**METHOD TO REDUCE POWER CONSUMPTION OF STATIC WIRELESS BEACONS  
AND COST OF INFRASTRUCTURE**

and executed, respectively, a United States patent application therefor on the following date(s):

DATE(S) THAT  
INVENTOR(S)  
SIGNED THE  
DECLARATION

(1) _____	(2) _____
(3) <u>23/04/08</u>	(4) _____
(5) _____	(6) <u>23/04/08</u>

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at New Orchard Road, 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, including 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:

CITY  
DATE

- (1) at \_\_\_\_\_  
on \_\_\_\_\_ by \_\_\_\_\_
- (2) at \_\_\_\_\_  
on \_\_\_\_\_ by \_\_\_\_\_
- (3) at SOUTHAMPTON  
on 23/04/08 by E. R. C.
- (4) at \_\_\_\_\_  
on \_\_\_\_\_ by \_\_\_\_\_
- (5) at \_\_\_\_\_  
on \_\_\_\_\_ by \_\_\_\_\_
- (6) at SOUTHAMPTON  
on 23/04/08 by G. H. H.

OPPENHEIMER: 2570126 v01 03/27/2008



## ASSIGNMENT

Whereas I/we

INVENTOR/CITY  
COUNTY/STATE

(1) Ahamed S. Anver	City of Colombo Country of Sri Lanka
(2) Timothy J. Fletcher County of Leicestershire	City of Woodhouse Eaves Country of United Kingdom
(3) Edward G. Jellard County of Hampshire	City of Southampton Country of United Kingdom
(4) William R. Smart County of Surrey	City of Limpsfield Country of United Kingdom
(5) Anton Stefanek County of London	City of London Country of United Kingdom
(6) Gavin P. Willingham County of Hampshire	City of Southampton Country of United Kingdom

HAVE INVENTED CERTAIN IMPROVEMENTS IN

TITLE

**METHOD TO REDUCE POWER CONSUMPTION OF STATIC WIRELESS BEACONS  
AND COST OF INFRASTRUCTURE**

and executed, respectively, a United States patent application therefor on the following date(s):

DATE(S) THAT  
INVENTOR(S)  
SIGNED THE  
DECLARATION

(1) _____	(2) _____
(3) _____	(4) <u>7<sup>th</sup> May 2008</u>
(5) _____	(6) _____

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at New Orchard Road, 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, including 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:

CITY  
DATE

(1) at \_\_\_\_\_  
on \_\_\_\_\_ by \_\_\_\_\_

(2) at \_\_\_\_\_  
on \_\_\_\_\_ by \_\_\_\_\_

(3) at \_\_\_\_\_  
on \_\_\_\_\_ by \_\_\_\_\_

(4) at LIMPSTFIELD, ENGLAND  
on 7<sup>th</sup> MAY 2008 by 

(5) at \_\_\_\_\_  
on \_\_\_\_\_ by \_\_\_\_\_

(6) at \_\_\_\_\_  
on \_\_\_\_\_ by \_\_\_\_\_

# ASSIGNMENT

INVENTOR/CITY  
COUNTY/STATE

Whereas I/we

(1) Ahamed S. Anver

City of Colombo  
Country of Sri Lanka

(2) Timothy J. Fletcher  
County of Leicestershire

City of Woodhouse Eaves  
Country of United Kingdom

(3) Edward G. Jellard  
County of Hampshire

City of Southampton  
Country of United Kingdom

(4) William R. Smart  
County of Surrey

City of Limpsfield  
Country of United Kingdom

(5) Anton Stefanek  
County of London

City of London  
Country of United Kingdom

(6) Gavin P. Willingham  
County of Hampshire

City of Southampton  
Country of United Kingdom

HAVE INVENTED CERTAIN IMPROVEMENTS IN

TITLE

METHOD TO REDUCE POWER CONSUMPTION OF STATIC WIRELESS BEACONS  
AND COST OF INFRASTRUCTURE

and executed, respectively, a United States patent application therefor on the following date(s):

DATE(S) THAT  
INVENTOR(S)  
SIGNED THE  
DECLARATION

(1) _____	(2) _____
(3) _____	(4) _____
(5) _____	(6) _____

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at New Orchard Road, 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, including 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:

CITY  
DATE

- (1) at \_\_\_\_\_  
on \_\_\_\_\_ by \_\_\_\_\_
- (2) at \_\_\_\_\_  
on \_\_\_\_\_ by \_\_\_\_\_
- (3) at \_\_\_\_\_  
on \_\_\_\_\_ by \_\_\_\_\_
- (4) at \_\_\_\_\_  
on \_\_\_\_\_ by \_\_\_\_\_
- (5) at London  
on 04/23/2008 by Amor Yoffe
- (6) at \_\_\_\_\_  
on \_\_\_\_\_ by \_\_\_\_\_