

## 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>John Francis Bulzacchelli</td><td>09/12/2008</td></tr><tr><td>Gautam Gangasani</td><td>08/27/2008</td></tr><tr><td>Mounir Meghelli</td><td>09/17/2008</td></tr><tr><td>Sergey V. Rylov</td><td>09/05/2008</td></tr><tr><td>Michael A. Sorna</td><td>08/27/2008</td></tr><tr><td>Steve J. Zier</td><td>08/29/2008</td></tr></tbody></table>	Name	Execution Date	John Francis Bulzacchelli	09/12/2008	Gautam Gangasani	08/27/2008	Mounir Meghelli	09/17/2008	Sergey V. Rylov	09/05/2008	Michael A. Sorna	08/27/2008	Steve J. Zier	08/29/2008	
Name	Execution Date														
John Francis Bulzacchelli	09/12/2008														
Gautam Gangasani	08/27/2008														
Mounir Meghelli	09/17/2008														
Sergey V. Rylov	09/05/2008														
Michael A. Sorna	08/27/2008														
Steve J. Zier	08/29/2008														
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>12201487</td></tr></tbody></table>	Property Type	Number	Application Number:	12201487											
Property Type	Number														
Application Number:	12201487														
CORRESPONDENCE DATA															
Fax Number:	(516)496-3869														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone:	516-496-3868														
Email:	info@ktb-iplaw.com														
Correspondent Name:	KEUSEY, TUTUNJIAN & BITETTO, P.C.														
Address Line 1:	20 CROSSWAYS PARK NORTH, SUITE 210														
Address Line 4:	WOODBURY, NEW YORK 11797														
ATTORNEY DOCKET NUMBER:	YOR920080514US1 (164-277)														
NAME OF SUBMITTER:	James J. Bitetto														

CH \$40.00 12201487

PATENT

500680252

REEL: 021706 FRAME: 0865

**Total Attachments: 4**

source=YOR920080514US1\_Assignment#page1.tif

source=YOR920080514US1\_Assignment#page2.tif

source=YOR920080514US1\_Assignment#page3.tif

source=YOR920080514US1\_Assignment#page4.tif

**PATENT**

**REEL: 021706 FRAME: 0866**

Attorney Docket: YOR920080514US1 (163-277)

## ASSIGNMENT

Whereas, we

INVENTOR  
AND CITY

- (1) John Francis Butzacchelli  
County of Westchester  
and
- (2) Guatam Gangasani  
County of Dutchess  
and
- (3) Mounir Meghelli  
County of Westchester  
and
- (4) Sergey V. Rylov  
County of Westchester  
and
- (5) Michael S. Sorna  
County of Dutchess  
and
- (6) Steven J. Zier  
County of Dutchess

of Yonkers,  
and State of New York,  
of Hopewell Junction,  
and State of New York,  
of Tarrytown,  
and State of New York,  
of White Plains,  
and State of New York  
of Hopewell Junction,  
and State of New York,  
of Hopewell Junction,  
and State of New York.

have invented certain improvements in

TITLE

SYSTEM AND METHOD FOR LATENCY REDUCTION IN SPECULATIVE DECISION  
FEEDBACK EQUALIZERS

DATES THAT  
INVENTORS  
SIGNED THE  
DECLARATION

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

(1) September 12, 2008, (2) \_\_\_\_\_, 2008,  
(3) September 17, 2008, (4) September 5<sup>th</sup>, 2008,  
(5) \_\_\_\_\_, 2008, (6) \_\_\_\_\_, 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 and sealed**

John Francis Bulzacchelli  
JOHN FRANCIS BULZACCHELLI (INVENTOR NAME)

on Sept. 12, 2008

1

**PATENT**  
**REEL: 021706 FRAME: 0867**

Attorney Docket: YOR920080514US (163-277)

ASSIGNMENT

Whereas, we

INVENTOR  
AND CITY

(1) John Francis Bulzacchelli  
County of Westchester  
and  
(2) Guatam Gangasani  
County of Dutchess  
and  
(3) Mounir Meghelli  
County of Westchester  
and  
(4) Sergey V. Rylov  
County of Westchester  
and  
(5) Michael S. Sorna  
County of Dutchess  
and  
(6) Steven J. Zier  
County of Dutchess

of Yonkers,  
and State of New York,  
  
of Hopewell Junction,  
and State of New York,  
  
of Tarrytown,  
and State of New York,  
  
of White Plains,  
and State of New York  
  
of Hopewell Junction,  
and State of New York,  
  
of Hopewell Junction,  
and State of New York,

have invented certain improvements in

TITLE

**SYSTEM AND METHOD FOR LATENCY REDUCTION IN SPECULATIVE DECISION  
FEEDBACK EQUALIZERS**DATES THAT  
INVENTORS  
SIGNED THE  
DECLARATION

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

(1) \_\_\_\_\_, 2008, (2) \_\_\_\_\_, 2008,  
(3) Aug. 27, 2008, (4) \_\_\_\_\_, 2008,  
(5) 8/27, 2008, (6) August 29, 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 and sealed

\_\_\_\_\_  
JOHN FRANCIS BULZACCHELLI (INVENTOR NAME)

on \_\_\_\_\_, 2008

Attorney Docket: YOR920080514US1 (163-277)


---

GAUTAM GANGASANI (INVENTOR NAME)

on \_\_\_\_\_, 2008

---

MOUNIR MEGHELLE (INVENTOR NAME)on SEP 17, 2008  

---

SERGEY V. RYLOV (INVENTOR NAME)on SEP 5, 2008

---

MICHAEL A. SORNA (INVENTOR NAME)

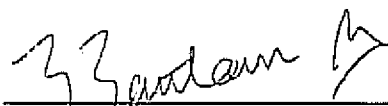
on \_\_\_\_\_, 2008

---

STEVEN J. ZIER (INVENTOR NAME)

on \_\_\_\_\_, 2008

Attorney Docket: YOR920080514US1 (163-277)



GAUTAM GANGASANI (INVENTOR NAME)

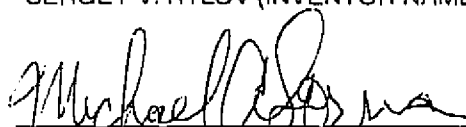
on 8/27, 2008

MOUNIR MEGHELLI (INVENTOR NAME)

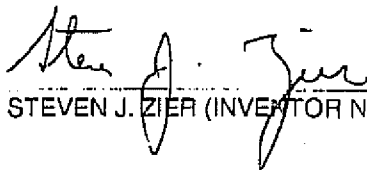
on \_\_\_\_\_, 2008

SERGEY V. RYLOV (INVENTOR NAME)

on \_\_\_\_\_, 2008



MICHAEL A. SORNA (INVENTOR NAME)

on 8/27, 2008

STEVEN J. ZIER (INVENTOR NAME)

on 8/29, 2008