

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Hayden C. Cranford Jr.	12/07/2006
Daniel J. Friedman	12/08/2006
Mounir Meghelli	12/08/2006
Thomas H. Toifl	12/08/2006
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	
Property Type	Number
Application Number:	11608962
CORRESPONDENCE DATA	
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Address Line 4:	Austin, TEXAS 78749
ATTORNEY DOCKET NUMBER:	RPS920060246US1(4232)
NAME OF SUBMITTER:	Jeffrey S. Schubert

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PATENT
REEL: 018620 FRAME: 0787

Total Attachments: 6

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PATENT

REEL: 018620 FRAME: 0788

ASSIGNMENT

Whereas, we,

- | | |
|--|---|
| (1) <u>Hayden C. Cranford Jr.</u>
County of Wake | of Cary
and State of North Carolina |
| (2) <u>Daniel J. Friedman</u>
County of Westchester | of Sleepy Hollow
and State of New York |
| (3) <u>Mounir Meghelli</u>
County of Westchester | of Tarrytown
and State of New York |
| (4) <u>Thomas H. Toffi</u>
County of | of Zurich
and Country of Switzerland |

have invented certain improvements in

SYSTEMS AND ARRANGEMENTS FOR CLOCK AND DATA RECOVERY IN COMMUNICATIONS

and executed, respectively, a United States patent application therefore on (Dates Inventors Signed Declaration) (1) Dec. 7, (2006); (2) _____, (2006); (3) _____, (2006); and (4) _____, (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, 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 Durham, NC on Dec. 7, 2006.
(City) (Date)


Hayden C. Cranford Jr.

(2) Signed at _____ on _____, 2006.
(City) (Date)

Daniel J. Friedman

(3) Signed at _____ on _____, 2006.
(City) (Date)

Mounir Meghelli

(4) Signed at _____ on _____, 2006.
(City) (Date)

Thomas H. Toifi

ASSIGNMENT

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(3) 12 16 8, (2006); and (4) _____, (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;

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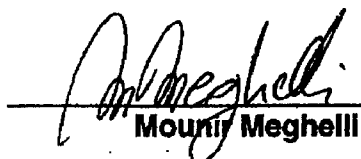
(1) Signed at _____ on _____, 2006.
(City) (Date)

Hayden C. Cranford Jr.

(2) Signed at Yorktown Heights, NY on December 8, 2006.
(City) (Date)


Daniel J. Friedman

(3) Signed at YORKTOWN HEIGHTS on 12/08, 2006.
(City) (Date)


Mounir Meghelli

(4) Signed at _____ on _____, 2006.
(City) (Date)

Thomas H. Toifi

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IBM Docket No.: RPS920060246US1(4232)

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(City) (Date)

Hayden C. Cranford Jr.

(2) Signed at _____ on _____, 2006.
(City) (Date)

Daniel J. Friedman

(3) Signed at _____ on _____, 2006.
(City) (Date)

Mounir Meghelli

(4) Signed at ZURICH on DEC. 8, 2006.
(City) (Date)

(Switzerland)

Thomas H. Toffi