

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Nils Haustein	03/28/2007
Craig Anthony Klein	03/26/2007
Henry Zheng Liu	03/27/2007
Daniel James Winarski	03/26/2007
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	
Property Type	Number
Application Number:	11696072
CORRESPONDENCE DATA	
Fax Number:	(520)792-3426
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
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Correspondent Name:	Dale F. Regelman
Address Line 1:	4801 E Broadway
Address Line 2:	Suite 400
Address Line 4:	Tucson, ARIZONA 85711
ATTORNEY DOCKET NUMBER:	TUC920060194US1
NAME OF SUBMITTER:	Dale F. Regelman

CH \$40.00 11696072

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PATENT
REEL: 019313 FRAME: 0336

Total Attachments: 2
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A S S I G N M E N T

Docket No. TUC920060194US1

Page 1 of 1

Whereas, we

- (1) Nils Haustein of Soergenloch, Federal Republic of Germany,
- (2) Craig Anthony Klein of Tucson, County of Pima and State of Arizona, and
- (3) Henry Zheng Liu of Tucson, County of Pima and State of Arizona, and
- (4) Daniel James Winarski of Tucson, County of Pima and State of Arizona,

having invented certain improvements in

APPARATUS AND METHOD TO ENCODE BINARY DATA INTO TRINARY DATA

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

- | | |
|----------------------------|-----------------------------|
| (1) _____, 2007 | (2) <u>March 26</u> , 2007 |
| (3) <u>March 27</u> , 2007 | (4) <u>26 March</u> , 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 therefor;

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 inventions 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) at Mainz, Germany
on _____, 2007,

Nils Haustein

(2) at Tucson, AZ
on March 26, 2007,

Craig Anthony Klein
Craig Anthony Klein

(3) at Tucson, AZ
on March 27, 2007,

Henry Zheng Liu
Henry Zheng Liu

(4) at Tucson, AZ
on 26 March, 2007.

Daniel James Winarski
Daniel James Winarski

PATENT

REEL: 019313 FRAME: 0338

ASSIGNMENT

Docket No. TUC920060194US1

Page 1 of 1

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(1) at Mainz, Germany
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