

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT								
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT								
<b>CONVEYING PARTY DATA</b>									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Michael Howard Hartung</td> <td>04/17/2006</td> </tr> <tr> <td>Yu-Cheng Hsu</td> <td>04/17/2006</td> </tr> <tr> <td>Robert Frederic Kern</td> <td>04/11/2006</td> </tr> </tbody> </table>		Name	Execution Date	Michael Howard Hartung	04/17/2006	Yu-Cheng Hsu	04/17/2006	Robert Frederic Kern	04/11/2006
Name	Execution Date								
Michael Howard Hartung	04/17/2006								
Yu-Cheng Hsu	04/17/2006								
Robert Frederic Kern	04/11/2006								
<b>RECEIVING PARTY DATA</b>									
<b>Name:</b>	International Business Machines Corporation								
<b>Street Address:</b>	New Orchard Road								
<b>City:</b>	Armonk								
<b>State/Country:</b>	NEW YORK								
<b>Postal Code:</b>	10504								
<b>PROPERTY NUMBERS Total: 1</b>									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11406661</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11406661				
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Application Number:	11406661								
<b>CORRESPONDENCE DATA</b>									
Fax Number:	(310)556-7984								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone:	3105567983								
Email:	hsong@ipmatters.com								
Correspondent Name:	Happy Song								
Address Line 1:	315 South Beverly Drive								
Address Line 2:	Suite 210								
Address Line 4:	Beverly Hills, CALIFORNIA 90212								
<b>ATTORNEY DOCKET NUMBER:</b>	TUC920050150US1 (18.157)								
<b>NAME OF SUBMITTER:</b>	Happy Song								

Total Attachments: 2  
 source=TUC920050150US1\_Assign\_18.157#page1.tif

CH \$40.00 11406661



ASSIGNMENT

Whereas, we

- (1) Michael Howard Hartung of Tucson,  
State of Arizona, and  
County of Pima
- (2) Yu-Cheng Hsu of Tucson,  
State of Arizona, and  
County of Pima
- (3) Robert Frederic Kern of Otter Rock,  
State of Oregon, and  
County of Lincoln

have invented certain improvements in:

ENCRYPTION OF DATA IN STORAGE SYSTEMS

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

- (1) 4/17, 2006, (2) 04/17, 2006 and (3) \_\_\_\_\_, 2006

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504, (hereinafter called IBM CORPORATION), 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, I, the above named, hereby sell, assign, and transfer to IBM CORPORATION, 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 invention set forth in said application to IBM CORPORATION, its successors and assigns; and I hereby agree that IBM CORPORATION 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 CORPORATION.

Signed and sealed

CITY	(1) at <u>Tucson</u>	<u>Michael Howard Hartung</u>	SIGNATURE
DATE	on <u>04/17</u> , 2006	Michael Howard Hartung	INVENTOR
CITY	(2) at <u>Tucson</u>	<u>Yu-Cheng Hsu</u>	SIGNATURE
DATE	on <u>04/17</u> , 2006	Yu-Cheng Hsu	INVENTOR
CITY	(3) at _____	_____	SIGNATURE
DATE	on _____, 2006	Robert Frederic Kern	INVENTOR

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Signed and sealed

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DATE	on _____, 2006	Michael Howard Hartung	INVENTOR

CITY	(2) at _____	_____	SIGNATURE
DATE	on _____, 2006	Yu-Cheng Hsu	INVENTOR

CITY	(3) at <u>OTTER ROCK, OR</u>	<u>Robert Frederic Kern</u>	SIGNATURE
DATE	on <u>4/11</u> , 2006	Robert Frederic Kern	INVENTOR

PATENT