

**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>HIROSHI ITAGAKI</td> <td>06/06/2007</td> </tr> <tr> <td>JAMES MITCHELL KARP</td> <td>06/06/2007</td> </tr> <tr> <td>TAKASHI KATAGIRI</td> <td>06/06/2007</td> </tr> </tbody> </table>		Name	Execution Date	HIROSHI ITAGAKI	06/06/2007	JAMES MITCHELL KARP	06/06/2007	TAKASHI KATAGIRI	06/06/2007
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HIROSHI ITAGAKI	06/06/2007								
JAMES MITCHELL KARP	06/06/2007								
TAKASHI KATAGIRI	06/06/2007								
<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>11759161</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11759161				
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Application Number:	11759161								
<b>CORRESPONDENCE DATA</b>									
<b>Fax Number:</b>	(310)556-7984								
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<b>ATTORNEY DOCKET NUMBER:</b>	TUC920070099US1 (18.233)								
<b>NAME OF SUBMITTER:</b>	Happy Song								

Total Attachments: 2  
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**500334088**

**PATENT**  
**REEL: 019692 FRAME: 0183**

**CH \$40.00 11759161**



ASSIGNMENT

Whereas, we

- (1) Hiroshi ITAGAKI of Kanagawa-ken,  
Country of Japan
- (2) James Mitchell KARP of Tucson,  
State of Arizona, and  
County of Pima
- (3) Takashi KATAGIRI of Kanagawa-ken,  
Country of Japan

have invented certain improvements in:

OPTIMIZING TAPE SPEED FOR A SYNC OPERATION

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

- (1) June 06, 2007, (2) \_\_\_\_\_, 2007 and (3) June 6, 2007

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>Yamato</u>	<u>Hiroshi Itagaki</u>	SIGNATURE
DATE	on <u>June 6</u> , 2007	Hiroshi ITAGAKI	INVENTOR
CITY	(2) at _____	_____	SIGNATURE
DATE	on _____, 2007	James Mitchell KARP	INVENTOR
CITY	(3) at <u>Yamato</u>	<u>Takashi Katagiri</u>	SIGNATURE
DATE	on <u>June 6</u> , 2007	Takashi KATAGIRI	INVENTOR

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Signed and sealed

CITY	(1) at _____	_____	SIGNATURE
DATE	on _____, 2007	Hiroshi ITAGAKI	INVENTOR
CITY	(2) at <u>TUCSON</u>	_____	SIGNATURE
DATE	on <u>6/6</u> , 2007	James Mitchell KARP	INVENTOR
CITY	(3) at _____	_____	SIGNATURE
DATE	on _____, 2007	Takashi KATAGIRI	INVENTOR