

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
Manjul Bhushan		05/10/2006
Mark B. Ketchen		05/10/2006
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:	11431993	
CORRESPONDENCE DATA		
Fax Number:	(516)759-9512	
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>		
Phone:	516-759-4547	
Email:	nyoffice@rml-law.com	
Correspondent Name:	Robert W. Griffith	
Address Line 1:	90 Forest Avenue	
Address Line 2:	Ryan, Mason & Lewis, LLP	
Address Line 4:	Locust Valley, NEW YORK 11560	
ATTORNEY DOCKET NUMBER:	YOR920060030US1	
NAME OF SUBMITTER:	Robert W. Griffith	
Total Attachments: 1		
source=YOR920060030US1_ASSMT#page1.tif		

CH \$40.00 11431993

500164657

PATENT  
REEL: 018392 FRAME: 0098

## ASSIGNMENT

Whereas, we

Inventor  
and City

**(1) Manjul Bhushan**  
County of Dutchess

of New York  
and State of New York

and (2) **Mark B. Ketchen**  
County of Hampshire

of Hadley  
and State of Massachusetts

have invented certain improvements in

TITLE

## METHODS AND APPARATUS FOR INLINE CHARACTERIZATION OF HIGH SPEED OPERATING MARGINS OF A STORAGE ELEMENT

and executed a United States patent application therefor on

DATE THAT ( )  
INVENTORS  
SIGNED THE  
DECLARATION

(1) May 10, 2006 and (2) May 10, 2006.

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at New Orchard Road, 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 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  
(1) at Hopewell, NY  
on 10<sup>th</sup> May 2006,

H. Bhushan SIGNATURE  
(Manjul Bhushan) INVENTOR  
FIRST NAME MIDDLE INITIAL LAST NAME

CITY and DATE Signed (2) at Hopewell, NJ on May 10, 2006, Mark B. Ketchen SIGNATURE  
(Mark B. Ketchen) INVENTOR  
FIRST NAME MIDDLE INITIAL LAST NAME

Ryan, Mason & Lewis, LLP  
90 Forest Avenue  
Locust Valley, New York 11560  
(516) 759-2722

## PATENT

**RECORDED: 10/16/2006**

REEL: 018392 FRAME: 0099