

# PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
Keith A. Bello		03/19/2008
Gregory T. Kishi		03/27/2008
RECEIVING PARTY DATA		
Name:	IBM Corporation	
Street Address:	New Orchard Road	
City:	Armonk	
State/Country:	NEW YORK	
Postal Code:	10504	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	12057128	
CORRESPONDENCE DATA		
Fax Number:	(847)905-7113	
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>		
Phone:	847-905-7111	
Email:	fcn@cardinallawgroup.com	
Correspondent Name:	CARDINAL LAW GROUP	
Address Line 1:	1603 ORRINGTON AVENUE	
Address Line 2:	SUITE 2000	
Address Line 4:	EVANSTON, ILLINOIS 60201	
ATTORNEY DOCKET NUMBER:	TUC920070188US1	
NAME OF SUBMITTER:	FRANK C. NICHOLAS	
Total Attachments: 1 source=TUC920070188US1SignedASSN#page1.tif		

CH \$40.00 12057128

500498884

PATENT  
 REEL: 020714 FRAME: 0646

**ASSIGNMENT**

Whereas, we,

- (1) KETIH A. BELLO of ORO VALLEY County of PIMA and State of ARIZONA;  
(2) GREGORY T. KISHI of ORO VALLEY County of PIMA and State of ARIZONA

have invented certain improvements in

**OPTIMIZING OPERATIONAL REQUESTS OF LOGICAL VOLUMES**

and executed, respectively, a United States patent application therefore on *(Date Inventor Signed Declaration)*:

- (1) 3-19, 2008; and (2) ~~3-25~~ 3-27<sup>pk</sup>, 2008.

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 in all 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.

- (1) Signed at Tucson; on 3-19, 2008. Keith A. Bello  
KEITH A. BELLO  
(2) Signed at Tucson; on 3-27, 2008. Gregory T. Kishi  
GREGORY T. KISHI