

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
Allen Keith Bates		09/06/2006
Daniel James Winarski		09/07/2006
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:	11470960	
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NAME OF SUBMITTER:	Brian C. Kunzler	
Total Attachments: 1 source=Assignment#page1.tif		

CH \$40.00 11470960

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PATENT
REEL: 018793 FRAME: 0210

ASSIGNMENT

Whereas I/we

INVENTOR/CITY
COUNTY/STATE

(1) Allen Keith Bates
County of Pima

City of Tucson
State of Arizona

(2) Daniel James Winarski
County of Pima

City of Tucson
State of Arizona

have invented certain improvements in

TITLE

APPARATUS, SYSTEM, AND METHOD FOR CALIBRATING A HOLOGRAPHIC
STORAGE DEVICE

DATE(S) THAT
INVENTOR(S)
SIGNED THE
DECLARATION

and executed, respectively, a United States patent application therefor on the following date(s):

(1) 9-4-06 (2) 7 Sept 2006

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.

CITY
DATE

Signed:

(1) at Tucson
on 9-4-06

Allen Keith Bates
Allen Keith Bates

(2) at Tucson
on 7 Sept 2006

Daniel James Winarski
Daniel James Winarski

PATENT