

## PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

|                                                                                      |                                             |
|--------------------------------------------------------------------------------------|---------------------------------------------|
| SUBMISSION TYPE:                                                                     | NEW ASSIGNMENT                              |
| NATURE OF CONVEYANCE:                                                                | ASSIGNMENT                                  |
| CONVEYING PARTY DATA                                                                 |                                             |
| Name                                                                                 | Execution Date                              |
| CHRISTOPHER K. KARSTENS                                                              | 08/28/2007                                  |
| 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:                                                                  | 11846107                                    |
| CORRESPONDENCE DATA                                                                  |                                             |
| Fax Number:                                                                          | (866)446-2118                               |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> |                                             |
| Phone:                                                                               | 5612105230                                  |
| Email:                                                                               | alaine.allison@patentsondemand.com          |
| Correspondent Name:                                                                  | BRIAN K. BUCHHEIT                           |
| Address Line 1:                                                                      | PATENTS ON DEMAND, P.A.                     |
| Address Line 2:                                                                      | 4581 WESTON ROAD, SUITE 345                 |
| Address Line 4:                                                                      | WESTON, FLORIDA 33331                       |
| ATTORNEY DOCKET NUMBER:                                                              | RSW920070271US1                             |
| NAME OF SUBMITTER:                                                                   | BRIAN K. BUCHHEIT                           |
| Total Attachments: 1<br>source=RSW920070271US1_Assignment#page1.tif                  |                                             |

CH \$40.00 11846107

500343452

PATENT  
REEL: 019756 FRAME: 0801

**ASSIGNMENT**

WHEREAS, I:

(1) Christopher K. Karstens                      Of Apex  
County of Wake                                      and State of North Carolina

have invented certain improvements in

**PROTECTION OF OPTICALLY ENCODED CONTENT USING ONE OR MORE RFID TAGS  
EMBEDDED WITHIN ONE OR MORE OPTICAL MEDIAS**

and executed a United States patent application therefore on the following date(s):

(1) AUGUST 28, 2007

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 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 acknowledges my prior existing obligation and hereby sells, assigns, and transfers to IBM, its successors and assigns, the entire right, title and interest in the 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 the United States application; and I request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to IBM, its successors and assigns; and I hereby agree that IBM may apply for foreign Letters Patent on the 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.

SIGNED AND SEALED:

LOCATIONDATESIGNATURE

(1) RESEARCH TRIANGLE      AUGUST 28, 2007      Christopher K. Karstens  
PARK, NC                                      Christopher K. Karstens