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To the Commissioner of Patents and Trademark:

Documents or copy thereof.

1. Name of conveying party(ies):  
 GERSHON BAR-ON  
 SHABTAI ATLOW

Additional name(s) of conveying party(ies) attached?  
 Yes  No

2. Name and address of receiving party(ies):

Name: NDS LIMITED

Internal Address: \_\_\_\_\_

Street Address: One Heathrow Boulevard, 286 Bath Road, West Drayton

City, State and Zip: Middlesex UB7 0DQ, United Kingdom

3. Nature of Conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other

Execution Date: September 15, 1999 and September 6, 1999

Additional Name(s) & address(es) attached?  
 Yes  No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No. 09/376,384  
 B. Filed: August 16, 1999

Additional numbers attached?  Yes  No

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):.....\$ 40.00

Enclosed  
 Charge any deficiencies in the enclosed fee to Deposit Account No. 12-1420  
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8. Deposit account number: 12-1420

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Joel G. Ackerman

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Attorney Docket No. SANF-22800 USA

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Joel G. Ackerman, Reg. No. 24,307      [Signature]      October 5, 1999  
 Name of Person Signing      Signature      Date

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10/12/1999 **IMBUYEN 00000313 09376384**

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ASSIGNMENT

WHEREAS, WE, GERSHON BAR-ON and SHABTAI ATLOW, hereinafter referred to as "ASSIGNORS", have invented certain new and useful improvements as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: PROTECTION OF DATA ON MEDIA RECORDING DISKS

Application (Declaration/Oath) Execution Date: \_\_\_\_\_

U.S. Filing Date: August 16, 1999 Int'l. Application No.: PCT/IL99/00007 filed January 5, 1999

U.S. Application No. 09/376,384

WHEREAS, NDS LIMITED, a corporation of the State of United Kingdom, One Heathrow Boulevard, 286 Bath Road, West Drayton, Middlesex UB7 0DQ, United Kingdom hereinafter referred to as "ASSIGNEE", is desirous of acquiring the entire right, title and interest in the said invention and application and in any Letters Patent which may be granted on the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for One Dollar (\$1.00) and other good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all right, title and interest in and to the said invention, said application for United States Letters Patent, and any Letters Patent which may hereafter be granted on the same in the United States and all countries throughout the world including any divisions, renewals, continuations in whole or in part, substitutions, conversions, reissues, prolongations or extensions thereof, said interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said Assignors had this assignment and transfer not been made, to the full end and term of any such Letters Patent.

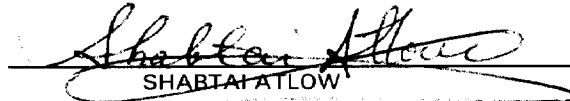
Assignors further agree that they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee lawfully may request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignor has hereunto signed his/her name to this assignment on the date indicated below.

Date: 15 September 1999

  
\_\_\_\_\_  
GERSHON BAR-ON

Date: 6 September, 1999

  
\_\_\_\_\_  
SHABTAI ATLOW