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Street Address: 46 Quai A. Le Gallo

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conveying party(ies) attached: Nature of convenance:

Assignment

Security Agreement Other

1. Name of conveying party(ies):

NICHOLAS RICHARD

Additional name(s) of

Merger Change of Name

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Execution Date: March 27, 2003 4. Application number(s) or patent number(s):

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If this document is being filed together with a new application, the execution date of the application is: B. Patent No.(s)

A. Patent Application No.(s): FR 0015229 PCT/EP01/13228

10/432320

Yes

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	address of party to whom correspondence	
concerning document should be mailed:		
Name:	JOSEPH S. TRIPOLI	
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PATENT REEL: 014511 FRAME: 0911 - 1 - PF000114

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTER PATENT

WHEREAS Nicolas RICHARD, 12 rue Viollet Le Duc, F-21000 Dijon, France; hereinafter referred to as the assignor, has invented a certain improvement relating to

Means for optically storing digital data in the form of particles deposited on a surface, the dimensions of which are less than the wavelengths of radiation for reading the said data

for which said assignor has caused an application for United States Letters Patent to be prepared,

- (xx) the inventor's declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the United States Patent and Trademark Office;
- () said application having been filed in the United States Patent and Trademark Office on Serial Number :

AND WHEREAS

THOMSON Licensing, S.A.
46 quai Alphonse Le Gallo
F-92100 BOULOGNE BILLANCOURT
FRANCE

hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the entire and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

PATENT REEL: 014511 FRAME: 0912

ASSIGNOR:

Signature:_

Name: Nicolas RICHÁRD

EXECUTED, this 27 day of March, 2003.

WITNESSES

Signature: _

DERECIE FRECETIQUE

Name: Address:

83 rue Posteur

F_92150 SURESNES

Signature:

Name: Address:

BROWAEYS Jean Philipc

2 rue Nelaton

F-92800 PUTEALX

PATENT REEL: 014511 FRAME: 0913

RECORDED: 05/21/2003