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Docket No.: PD060082

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

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| o the Honorable Commis | | | cuments or copy thereo |)f <u>. </u> | | |
|---|------------------------------|--|--|---|----------|-------------|
| . Name of conveying party(ies): JOACHIM KNITTEL | | 9-20.0 | 2. Name and ad Name: | dress of receiving party(ies): THOMSON LICENSING | | |
| additional name(s) of onveying party(ies) ttached: | Yes No X | | Street Address: | 46 Quai A. Le Gallo Boulogne-Billancourt | 92100 | |
| Nature of conveyance: Assignment Security Agreement Other | Merger Change of Na | ame | | FRANCE | | |
| xecution Date: August 31, 2007 Application number(s) or patent r If this document is being filed tog Application No.(s): | | elication, the execution de | | | <u> </u> | <u>es N</u> |
| Addition | al numbers attached? | | Yes No X | 11/9031 | 20 | |
| Name and address of party to who concerning document should be r Name: JOSEPH J. LAF Internal Address:THOMSON LICE PATENT OPER | mailed: KS CENSING LLC | | 6. Total number 7. Total Fee (37 Enclo | | volved: | |
| Street Address: P. O. Box 5312 | X Auti 8. Deposit acco | | | | | |
| City: PRINCETON State: N | EW JERSEY Zip : | | O NOT USE THIS SP | ACE | | |
| Statement and signature. To the best of my knowledge and be copy of the original document. Jeffrey M. Navon Name of Person Signing | belief, the foregoing i | information is true and constitution is true a | Reg. No. | | 20,707 | |
| Total number of page | es including cover she | est, attachments, and doc | ument: | | | |
| Mail documents to be recorded v | with required cover sh | | Commissioner of Pate Attn: Box Assignme | nts | | |
| Public burden reporting for this | | estimated to average abo | | ument to be recorded, including | | |
| and gathering the data needed, a Office, Office of Information Sy (0651-0011), Washington, D.C. | stems, PK2-1000C, V | | | | | |
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PATENT

REEL: 019942 FRAME: 0965

PD060082

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTER PATENT

WHEREAS Joachim Knittel, Lenaustr. 32, 78532 Tuttlingen, Germany; hereinafter (collectively) referred to as the assignor, has invented a certain improvement relating to

Compact apparatus for reading from and/or writing to holographic storage media

for which said assignor has caused an application for United States Letters Patent to be prepared, the specification of which was filed on as Application Serial No.

, or, if not identified here by filing date and serial number, 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.

AND WHEREAS

Thomson Licensing
46 Quai A. 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: 019942 FRAME: 0966 EXECUTED, this 31st day of August

WITNESSES:

Signature: __

Name: Address:

Zürgen Mößner In der Zielgass 26 78086 Brigachtal

Signature:

Name: Address: Haiko Trantre Im Harbon Kal 20

28089 Undertimas

ASSIGNOR:

Name: Joachim Knittel

PATENT

REEL: 019942 FRAME: 0967