CUSTOMER NO.: 24498	U.S. PTO		Docket No.: PD100016		
Express Mail No.: EM 542413443 US FORM PTO-1595	12/932186				
Rev. 04/14/10	02/18/2011	03/02/2011	EPARTMENT OF COMMERCE and Trademark Office		
	RE				
To the Honorable Director of the United States Pa	atent and Trademark Office	103619020	py thereof.		
Name of conveying party(ies)			p		
Frank Przygodda		Name THOMSON LICEN	SING		
Stephan Knappman Herbert Hoelzemann					
	No	Street Address. 1-5 rue Jean	ne d'Arc		
:onveying party(ies)			DULINEAUX, FRANCE		
Ittached.			· · · · · · · · · · · · · · · · · · ·		
X Assignment Merg Security Agreement Char	ger ige of Name				
Other Execution Date: February 2, 2011, February 1, 20	011, January 27, 2011, respective	ly Additional name(s) & address(es	)attached? X Nc		
<ol> <li>Application number(s) or patent number(s):</li> </ol>					
If this document is being filed together with a February 1, 2011, January 27, 2011, respective	new application, the execution da ely	te of the application is: February 2, 201	1,		
A Patent Application No (s)		B. Patent No.(s)			
Additional numbers a	ttached?	Yes No X			
5 Name and address of party to whom correspon	idence	6. Total number of applications	and patents involved: 1		
concerning document should be mailed Name: ROBERT D SHEDD					
Internal Address. PATENT OPERATIONS		7 Total Fee (37 CFR 3.41)	\$40.00		
THOMSON LICENSING LL	.C	Enclosed			
SUITE 200 Street or PO Address. P O Box 5312			XAuthorized to be charged to deposit account     Deposit account number		
	7 09647 5212	07-0832			
City PRINCETON State. NEW JERSEY		O NOT USE THIS SPACE			
). Statement and signature To the best of my knowledge and belief, the for copy of the original document	egoing information is true and co	rrect and any attached copy is a true			
Patricia A. Verlangieri Name of Person Signing	Signature	Rog. No	Jul 16, 20/1 Date		
Total number of pages	including cover sheet, attachmen	ts, and document4 Total no. of pages above			
·····	DO NO	DT DETACH THIS PORTION	······································		
Mail documents to be recorded with this shee	t to				
	Director of the Ur	Assignment Recordation Services nited States Patent and Trademark O P. O. Box 1450 andria, Virginia 22313-1450	ffice		
Public burden reporting for this sample cover a and gathering the data needed, and completing Office, Office of Information Systems, PK2-10 (0651-0011), Washington, D C 20503	sheet is estimated to average about	t 30 minutes per document to be record	ed, including type (95, 95, eving 95, 95, 95, eving 95, 95, eving 10, eving 10, eving 95, eving 95, eving 10, eving		

ĸ,

.

ł

PATENT REEL: 025891 FRAME: 0069

## Customer No. 24498

42

## ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR LETTERS PATENT OF THE UNITED STATES OF AMERICA

Docket No. PD100016

I hereby declare that I am the sole inventor (if only one inventor is named below) or one of 3 joint inventors (if plural inventors are named below) of the Inventions relating to LASER POWER MANAGEMENT FOR SUPER-RENS OPTICAL RECORDING MEDIA

1				•
described in an Application for Patent filed on	13/APR/2010	under Sorial No.	10 305 383.1	and described in the file associated with
Docket				

No. PD100016 . listed above or, if not identified here by filing date and serial number or by the Docket Number listed above date with my execution of this Assignment/Agraement.

For valuable consideration received, I hereby seti, assign and transfer to Thomson Licensing, a corporation duty organized and existing under the laws of the country of France, its successors, and assigns my entire right, title and interest, for all countries in and to said inventions, and all the rights and privileges under any and all Letters Patent that may be granted therefor, and any divisions, continuations, reissues and extensions thereof.

Country of Prance, its successors, and essigns my entire right, the and microst, for all countries in entities that may be granted therefor, and any divisions, continuations, reissues and extensions thereof. I agree that, when requested, i will, without charge to said corporation but ell its expense, sign all papers, take ell rightful oaths, make ell rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for said inventions in any and ell countries and for vasting title thereto in said corporation, its successors, assigns or nominees I agree that I will communicate to said corporation, and generalitives any facts known to me respecting said inventions and when requested by said corporation and at its expense will testify in any legal proceedings, and generality do everything possible to ald said corporation, its successors, assigns and legal representatives or nominaes, to obtain or enforce proper protection for said inventions in any and all countries. I authorize and empower said corporation, its successors, assigns or nominees, to make application for patent or other form of protection for said inventions in its or their own name, or in my/our name, in any and all countries and to invoke and claim such right of pronty provided by the international Convention for the Protection of industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority provided by the international convantion or all successors, assigns or nominees I hereby consent that a copy of this assignment shall be deemed a full egal and formal equivalent of any assignment, consent to file or ikke document which may be required in any country for any purpose and more particularly in proof of the right of priority provided by the international Convention or its successors, assigns or nominees i covenant with Thomson Licensing, its successors, assigns, legal rep

	Signed at	(CIN) x Friedrichshafon, G	Anna Date	x 2. Feb 201	1
, †	inventor (1)	Frank Przygodda		x Frink Prise	olla
		Post Office Address Friedrichstr 6/1, 88045	Friedrichshafe	n, Germany	)
	1st Witness	X Thismes Jensen		Signature in Full. No initials	Turn
	2ndWitness	× Kornelia Przygoda	do	<u>     K. Prycocc</u> (Signature in Full Holnitiate	
	Signed at	(City) X	Date	(Signature in Pol geomiuais	2
	Inventor (2)	Stephan Knappmann (Type or Print)		Signature in Full. No initials.	
		Posi Office Address Birkenweg 11, 78658 Zir	nmern OB Ro		2
1	1st Wilness	(Type or Print)		Signature in Full. No initials	
;	2ndWitness	(Type or Print)		X	
:	Signed at	(City) <u>}</u>	Data	(Signature in Fuil No Initiats)	·
:	inventor (3)	Herbert Hoelzemann		X	T
•	j	(Type or Print) Post Office Address Farnweg 2/7, 78048 Villir	nen German	(Signature in Full No Iniliais.)	
	1st Winess	A (Type or Print)		X (Signature in Full No Initials.)	
	2ndWitness			X	Ŧ ,
			ment has been r	(Signature in Full No initials) ecorded please RETURN to. Pat	ent Operations
	Pat Form Re	ev 01/2007	1	PO	OMSON Licensing LLC Box 5312 Incelon, NJ 08543-5312
	1		1		,
		1			,

PATENT REEL: 025891 FRAME: 0070 Customer No 24498

ſ

Pat Form Rev 01/2007

## ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR LETTERS PATENT OF THE UNITED STATES OF AMERICA

Docket No. PD100016

I hereby declare that I am the sole inventor (If only one inventor is named below) or one of joint inventors (if plural inventors are named below) of the 3 Inventions relating to LASER POWER MANAGEMENT FOR SUPER-RENS OPTICAL RECORDING MEDIA

described in Docket	an Application for F	alent filed on 13/APR/2010	under Serial No.	10 305 383.1	and described in the file associated with
No.	PD100016	listed above or if not identified here by fill	an data and so dat so		

or, if not identified here by filing date and serial number or by the Docket Number listed above, executed by me on even date with my execution of this Assignment/Agreement

dale with my execution of this Assignment/Agreement For valuable consideration received. I hereby sell, assign and transfer to Thomson Licensing, a corporation duty organized and existing under the laws of the country of France, its successors, and assigns my entire right, title and interest, for all countries in and to said inventions, end all the rights and privileges under any and all Letters Palent that may be granted therefor, and any divisions, continuations, relissues and extensions thereof. I agree that, when requested, i will, willout charge to said corporation but at its expense, sign all papers, taks all rightful daths, nake all rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for said inventions in any and all countries and for vesting tille thereto in said corporation, its successors, assigns or nominees. I agree that I will communicale to said corporation or its representatives any facts known to me respecting said inventions and when requested by said corporation and at its expense will tastify in any legal proceedings, and generally do everything possible to ald said corporation, its successors, assigns and legal representatives or nominees, to obtain or enfance proper protection for said inventions in any and all countries. I authorize and empower said corporation, its successors, assigns or nominees, to make application for patent or other form of protection for said inventions in its or here row neme, or in my/our name. In any and all countries and to invoke and taim for any application for patent or other form of protection for said inventions inventions fied by it or them, the banefit of the right of priority provided by the International Convention for the Protection of industrial Property, as emended, or by any convention which may henceforth be substituted for it, and to invoke and caim such right of priority writhout further written or oral authorization from me. I hareby consent that

Signad al	(City) X	Date	<u>×</u>
inventor (1)	Frank Przygodda		¥
	(Type or Print)		(Signature in Fuli. No initials.)
	Post Office Address Fnedrichstr. 6/1, 88045 Fried	richshale	n, Germany
1st Wilness	X (Type or Print)		X (Signature in Full. No initials.)
2ndWiness	<u>×</u>		(Signatore in Full, No Initials.)
	(Type or Pont)		(Signature in Full No initials )
Signed at	(City) + Villing m	Date	×01.02.2011
inventor (2)	Stephan Knappmann (Type or Print)		* Stephen knappme
P		- 00 0-	(Signatulle in Full No initials )
		IUB KO	itwell, Germany
1st Wilness	XHELKO TRAVINER		1 al man
2ndWilness	(TYPE OF PHOL)		(Signature in Full Ne Initials )
Signed at	(City) ;-	Date	(Signature in Fuil, No Inilials )
inventor (3)	Herbert Hoetzemann (Type or Print)		.: (Signature in Full No Inhiats )
P	ost Office Address . Farnwag 2/7, 78048 Villingen,	German	
161 Wilness	λ		
	(Type or Print)		(Signature in Fuß, No initiats )
2ndWitness	X		· · · · · · · · · · · · · · · · · · ·
	(Type or Print)	···	(Signature in Full. No initials.)
	After this Assignment P	nas been ri	ecorded please RETURN to: Patent Operations

PO Box 6312 Princeton, NJ 08543-5312

1

PATENT REEL: 025891 FRAME: 0071 Customer No. 24498

## ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR LETTERS PATENT OF THE UNITED STATES OF AMERICA

I hereby declare that I am the sole inventor (if only one inventor is named below) or one of 3 joint inventors (if plural inventors are named below) of the Inventions relating to LASER POWER MANAGEMENT FOR SUPER-RENS OPTICAL RECORDING MEDIA

described in an Application for Patent filed on \_\_\_\_\_\_\_13/APR/2010 \_\_\_\_\_ under Serial No. \_\_\_\_\_ 305 383.1 and described in the file associated with Docket

No. PD100016 , listed above or, if not identified here by fiting date and serial number or by the Docket Number listed above, executed by me on even date with my execution of this Assignment/Agreement.

date with my execution of this Assignment/Agreement. For valuable consideration received, I hereby sell, assign and transfer to Thomson Licensing, a corporation duly organized and existing under the laws of the country of France, its successors, and assigns my entire right, tille and interest, for all countries in and to said inventions, and all the rights and privileges under any and all Letters Pateni that may be granted therefor, and any divisions, continuations, relaxes and extensions thereof. Lagree that, when requested, i will, without charge to said corporation but all its expense, sign all papers, take all rightful doaths, make all rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for said inventions to any and all countries and for vesting tills thereto in said corporation or its representatives ary facts known to me respecting said inventions and when requested by said corporation and all its expense will lastify in any legal proceedings, and generally do everything possible to all said corporation for said inventions in any and all countries. I agree that i will communicate to said corporation or its representatives or nominees. I authorize and empower said corporation, its successors, assigns or nominees, I authorize and empower said corporation, its successors, assigns or nominees, I authorize and empower said corporation, its successors, assign are nominees, it on all countries. I authorize and empower said corporation, its successors, assign are nominees, it on the protection for said inventions in any and all countries. I authorize and empower said corporation, its successors, assign are nominees, ito make application for patent or other form of protection for said inventions in any and all countries and to invoke and claim for my application for their form of protection for said inventions in any application which may henceforth be subsilitured for it, and to invoke and claim such

Signed at	(City) X	Date	X	
inventor (1)	Frank Przygodda (Type or Prini)		X (Signature in Full No initials.)	
P	ast Office Address Friedrichstr 6/1, 88045 Friedr	ichshafe	n, Germany	
1st Winess	X (Type or Print)		X (Signature In Full No Initials.)	
2ndWiness	(Type or Print)		(Signature in Full. No initials )	
Signed at		Date		
Inventor (2)	Stephan Knappmann (Type or Print)		X (Signature in Full, No initials )	
P	osi Office Address Birkenweg 11, 78658 Zimmer	n OB Ra		
1st Witness	A (Type or Pant)		}' (Signature in Full, No inibals,)	
2ndWilness	(Type of Print)		2	
Signed at	(Cary) ; Villingen	Data	(Signature in Full. No initials) X 22, 1.2011	
Inventor (3)	Herbert Hoelzemann (Type or Print)		x Habit Hilz	
(Type or Print) (Signature in Fuil. No initiais ) Post Office Address Farnwag 2/7, 78048 Villingen, Garmany				
1st Witness	x Stefan Müller		(Signature In Full No Initials )	
2ndWitness	<u>* Gilong Feng</u>		(Signature Indiana)	

After this Assignment has been recorded please RETURN to:

1

Pat Form Rev. 01/2007

Patent Operations THOMSON Licensing LLC PO Box 6312 Princelon, NJ 08543-5312

PATENT REEL: 025891 FRAME: 0072

Docket No. PD100016

**RECORDED: 02/18/2011**