502163557 12/14/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Makio KURASHIGE	08/24/2012

RECEIVING PARTY DATA

Name:	DAI NIPPON PRINTING CO., LTD.	
Street Address:	1-1 , Ichigaya-Kaga-cho 1-chome Shinjuku-ku	
City:	Tokyo 162-8001	
State/Country:	JAPAN	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	13704405	

CORRESPONDENCE DATA

Fax Number: 2122468959

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 212-708-1803

Email: gmarti@ladas.com

Correspondent Name: Geraldine Marti

Address Line 1: Ladas & Parry LLP

Address Line 2: 1040 Avenue of the Americas

Address Line 4: New York, NEW YORK 10018-3738

ATTORNEY DOCKET NUMBER: U 018716-1

NAME OF SUBMITTER: Raymond A. Diperna

Total Attachments: 3

source=018716-1_assignment#page1.tif source=018716-1_assignment#page2.tif source=018716-1_assignment#page3.tif

> PATENT REEL: 029471 FRAME: 0987

CH \$40.00 13/044

Practitioner's Docket NoU 018716-	1	PATENT
	For: For:	 [x] U.S. and/or [] Foreign Rights [x] U.S. Application or [] U.S. Provisional Application [] U.S. Patent [] PCT Application [x] Inventor(s) or [] Present Owner
ASSIC	GNMEN	T OF INVENTION
		SIGNEE to ASSIGNOR of the sum of One Dollar edged, and for other good and valuable consideration,
ASSIGNOR:		
Inventor(s) or person(s) or entity(ies) who own the invention		Makio KURASHIGE (type or print name(s) of ASSIGNOR(S)) c/o Dai Nippon Printing Co., Ltd., 1-1, Ichigaya-Kaga-cho 1-chome Shinjuku-ku, Tokyo162-8001 Japan Address Japan Nationality
		v to whom invention was previously assigned and the following)
Recorded on	Reel Frame	
hereby sells, assigns and transfers to		
ASSIGNEE:		DAI NIPPON PRINTING CO., LTD. (type or print name(s) of ASSIGNEE(S)) 1-1, Ichigaya-Kaga-cho 1-chome Shinjuku-ku, Tokyo 162-8001 Japan Address Japan Nationality
and the successors, assigns and legal rep	resentat	tives of the ASSIGNEE

(Assignment of Invention—page 1 of 3) 16-3

(complete one of the following)

	[x]	the entire right, title and interest			
interest	[]	an undivided percent (%) right, title and			
for the United	l States ar	nd its territorial possessions			
	(check the following box, if foreign rights are also to be assigned)				
	[]	and in all foreign countries, including all rights to claim priority,			
in and to any		aprovements which are disclosed in the invention entitled: NATION APPARATUS USING COHERENT LIGHT SOURCE			
Name of inve	ntor(s)	Makio KURASHIGE			
		(check and complete (a), (b), (c), (d), (e), (f) or (g))			
and which is f	found in (37 C.F.R. 3.21)			
(a)	[x]	Not yet filed U.S. patent application executed on even date herewith			
(b)	ĺĺ	Not yet filed U.S. patent application executed on			
(c)	[]	Not yet filed U.S. provisional application naming the above inventor(s) for			
		the above-entitled invention			
		[] To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below, hereby authorize and request my attorney to insert below the filing date and application number when they become known.			
(d)	[]	U.S. patent or provisional patent application no. filed on			
(e)	[]	International application no. PCT / filed on			
(f)	[]	International application no. PCT /filed on U.S. patent noissued			
		[] A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.			
		(also check (g), if foreign application(s) is also being assigned)			
(g)	[]	and any legal equivalent thereof in a foreign country, including the right to claim priority			
and, in and to	, all Lett	ers Patent to be obtained for said invention by the above application or any			

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or reexamination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

(Assignment of Invention—page 2 of 3) 16-3

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal this

	WARNING:	The date of signing must be checked above.	the same as the date of exe	ecution of t	he application, if item (a) wa
Date:	August 24, 201	2	Makelo Signature of ASSIGNO	Kui	ashire
		***************************************	Signature of ASSIGNO	R(S)	Makio KURASHIGE
Date:		<u> </u>	A-0400000000000000000000000000000000000		
Date:					
Date:					
Date.		_			
		(if ASSIGNOR is a legal entit	y, complete the following i	nformation	ı)
			(type or print the name of authorized to sign on bel	,	*
			Title		
) comp					
NOTE:		notarization or legalization is a ucie evidence of execution. 35			
		[] Notarization or L	egalization Page Add	ed.	

(Assignment of Invention—page 3 of 3) 16-3

PATENT REEL: 029471 FRAME: 0990

WARNING: