Form PTO-1595 (Rev. 03-09) OMB No. 0651-0027 (exp. 03/31/2009)

U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office

RECORDATION FORM COVER SHEET PATENTS ONLY	
To the Director of the U.S. Patent and Trademark Office; Please record the attached documents or the new address(es) below.	
1. Name of conveying party(ies) 1. Masao KAMIYA	2. Name and address of receiving party(ies) Name: TOYODA GOSEI CO., LTD.
2. Shiniya BOYAMA 3. Yasuhisa USHIDA	Internal Address: 1, HARUHINAGAHATA
Additional name(s) of conveying party(les) attached? Yes X No	
3. Nature of conveyance/Execution Date(s): Execution Date(s)June_2, 2011	Street Address:
Assignment	· · · · · · · · · · · · · · · · · · ·
Security Agreement	City: Kiyosu-shi,
☐ Joint Research Agreement☐ Government Interest Assignment	State: Aichi-ken
☐ Executive Order 9424, Confirmatory License	Country: JAPAN Zip: 452-8564
Other Request to correct Assignees's Address on Assignment document previously recorded at Reel 026534 and Frame 0877	Additional name(s) & address(es) attached? 🔲 Yes 🔣 No
4. Application or patent number(s): A. Patent Application No.(s)	document is being filed together with a new application. B. Patent No.(s)
13/067,588	US 8,546,836 B2
Additional numbers attac	hed? Yes 😠 No
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name: Sean McGinn, Esq.	7. Total fee(37 CFR 1.21(h) & 3.41) \$
Internal Address: McGinn Intellectual Property Law	· · · · · · · · · · · · · · · · · · ·
Group, PLLC	☑ Authorized to be charged to deposit account
Street Address: 8321 Old Courthouse Road	☐ Enclosed
Suite 200	None required (government interest not affecting title)
City: Vienna	8. Payment Information
State: Virginia Zip: 22182-3817	
Phone Number:703 761 4100	
Fax Number: 703 761 2375 or 76	Deposit Account Number 50-0481
Email Address: <u>admin@mcginniplaw.com</u>	Authorized User Name Sean M. McGinn
9. Signature: Signature	#46,060 4/zy//4
Sean M. McGinn	Total number of pages including cover sheet, attachments, and documents:
Name of Person Signing	Company of the comment of 1 and 1 an

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

av. 03-09) U.S. PTO	17/2011 U.S. DEPARTMENT OF COMM
AB No. 0551-0027 (exp.3/31/2009) BA/REV06 13/067588	
OC (4.0 (20-1.4	(2)
To the Director of the United States Patent and Ty	3627369 ed documents or the new address(es) to
. Name of conveying party(ies):	2. Name and address of receiving party(ies):
1) Masao KAMIYA	A COURT OF LTD
2) Shinya BOYAMA	Name: TOYODA GOSEI CO., LTD.
3) Yasuhisa USHIDA	Address: 1, Haruhinagahata
Additional names(s) of conveying party(ies)	
. Nature of conveyance/Execution Date(s):	
Execution Date(s): June 2, 2011	
	City: Kiyoshî-sbi
☐ Security Agreement ☐ Change of Name	State/Prov.: Alchi-ken
☐ Joint Research Agreement	Country: JAPAN ZIP: 452-8564
□ Government Interest Assignment	•
☐ Executive Order 9424, Confirmatory License	Additional name(s) & eddress(es) attached? ☐ Yes 🖾 No
Other	- [Additional rigitals) of processing a state
. Application or patent numbers(s):	This document is being filed together with a new application
A. Patent Application No. (s)	B. Patent No.(s)
·	
•	
•	,
1	
Additional numbers a	ttached?
Name and address to whom correspondence	ttached? ☐ Yes ☒ No 6. Total number of applications and patents involved:
Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name and address to whom correspondence concerning document should be mailed: Name: Sean M. McGinn, Esq.	6. Total number of applications and patents
Name and address to whom correspondence concerning document should be mailed: Name: Sean M. McGinn, Esq. Registration No.: 34,386	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
Name and address to whom correspondence concerning document should be mailed: Name: Sean M. McGinn, Esq. Registration No.: 34,386 Address: McGinn Intellectual Property Law Group, PLLC	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
Name and address to whom correspondence concerning document should be mailed: Name: Sean M. McGinn, Esq. Registration No.: 34,386	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card Authorized to be charged to deposit account
Name and address to whom correspondence concerning document should be mailed: Name: Sean M. McGinn, Esq. Registration No.: 34,386 Address: McGinn Intellectual Property Law Group, PLLC 8321 Old Courthouse Road, Suite 200	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed
Name and address to whom correspondence concerning document should be mailed: Name: Sean M. McGinn, Esq. Registration No.: 34,386 Address: McGinn Intellectual Property Law Group, PLLC 8321 Old Courthouse Road, Suite 200 City: Vienna	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 ☐ Authorized to be charged by credit card ☐ Authorized to be charged to deposit account ☐ Enclosed ☐ None required (government interest not affecting
Name and address to whom correspondence concerning document should be mailed: Name: Sean M. McGinn, Esq. Registration No.: 34,386 Address: McGinn Intellectual Property Law Group, PLLC 8321 Old Courthouse Road, Suite 200 City: Vienna State/Prov.: Virginia	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting) 8. Payment Information
Name and address to whom correspondence concerning document should be mailed: Name: Sean M. McGinn, Esq. Registration No.: 34,386 Address: McGinn Intellectual Property Law Group, PLLC 8321 Old Courthouse Road, Suite 200 City: Vienna State/Prov.: Virginia Country: U.S.A ZIP: 22182-3817	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting) 8. Payment Information a. Credit Card Last 4 Numbers
Name and address to whom correspondence concerning document should be mailed: Name: Sean M. McGinn, Esq. Registration No.: 34,386 Address: McGinn Intellectual Property Law Group, PLLC 8321 Old Courthouse Road, Suite 200 City: Vienna State/Prov.: Virginia Country: U.S.A ZIP: 22182-3817 Phone Number: (703) 761-4100	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting) 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date
Name and address to whom correspondence concerning document should be mailed: Name: Sean M. McGinn, Esq. Registration No.: 34,386 Address: McGinn Intellectual Property Law Group, PLLC 8321 Old Courthouse Road, Suite 200 City: Vienna State/Prov.: Virginia Country: U.S.A ZIP: 22182-3817 Phone Number: (703) 761-4100 Fax Number: (703) 761-2375 or (703) 761-2376	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting) 8. Payment information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 50-0481(deficiencies on
Name and address to whom correspondence concerning document should be mailed: Name: Sean M. McGinn, Esq. Registration No.: 34,386 Address: McGinn Intellectual Property Law Group, PLLC 8321 Old Courthouse Road, Suite 200 City: Vienna State/Prov.: Virginia Country: U.S.A ZIP: 22182-3817 Phone Number: (703) 761-4100	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting) 8. Payment information a. Credit Card Last 4 Numbers Expiration Date
Name and address to whom correspondence concerning document should be mailed: Name: Sean M. McGinn, Esq. Registration No.: 34,386 Address: McGinn Intellectual Property Law Group, PLLC 8321 Old Courthouse Road, Suite 200 City: Vienna State/Prov.: Virginia Country: U.S.A ZIP: 22182-3817 Phone Number: (703) 761-4100 Fax Number: (703) 761-2375 or (703) 761-2376 Email Address: admin@mcginniplaw.com	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting) 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 50-0481(deficiencies on Authorized User Name Sean M. McGinn
Name and address to whom correspondence concerning document should be mailed: Name: Sean M. McGinn, Esq. Registration No.: 34,386 Address: McGinn Intellectual Property Law Group, PLLC 8321 Old Courthouse Road, Suite 200 City: Vienna State/Prov.: Virginia Country: U.S.A ZIP: 22182-3817 Phone Number: (703) 761-4100 Fax Number: (703) 761-2375 or (703) 761-2376	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting) 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 50-0481(deficiencies on Authorized User Name Sean M. McGinn
Name and address to whom correspondence concerning document should be mailed: Name: Sean M. McGinn, Esq. Registration No.: 34,386 Address: McGinn Intellectual Property Law Group, PLLC 8321 Old Courthouse Road, Suite 200 City: Vienna State/Prov.: Virginia Country: U.S.A ZIP: 22182-3817 Phone Number: (703) 761-4100 Fax Number: (703) 761-2375 or (703) 761-2376 Email Address: admin@mcginniplaw.com	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting) 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 50-0481(deficiencies on Authorized User Name Sean M. McGinn
Name and address to whom correspondence concerning document should be mailed: Name: Sean M. McGinn, Esq. Registration No.: 34,386 Address: McGinn Intellectual Property Law Group, PLLC 8321 Old Courthouse Road, Suite 200 City: Vienna State/Prov.: Virginia Country: U.S.A ZIP: 22182-3817 Phone Number: (703) 761-4100 Fax Number: (703) 761-2375 or (703) 761-2376 Email Address: admin@mcginniplaw.com	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting) 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 50-0481(deficiencies on Authorized User Name Sean M. McGinn
Name and address to whom correspondence concerning document should be mailed: Name: Sean M. McGinn, Esq. Registration No.: 34,386 Address: McGinn Intellectual Property Law Group, PLLC 8321 Old Courthouse Road, Suite 200 City: Vienna State/Prov.: Virginia Country: U.S.A ZIP: 22182-3817 Phone Number: (703) 761-4100 Fax Number: (703) 761-2375 or (703) 761-2376 Email Address: admin@mcginniplaw.com I. Signature: Sean M. McGinn, Esq. Name of Person Signing	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting) 8. Payment Information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 50-0481(deficiencies on Authorized User Name Sean M. McGinn June 10, 2011 Date Total number of pages including cover sheet, attachments, and document
Name and address to whom correspondence concerning document should be mailed: Name: Sean M. McGinn, Esq. Registration No.: 34,386 Address: McGinn Intellectual Property Law Group, PLLC 8321 Old Courthouse Road, Suite 200 City: Vienna State/Prov.: Virginia Country: U.S.A ZIP: 22182-3817 Phone Number: (703) 761-4100 Fax Number: (703) 761-2375 or (703) 761-2376 Email Address: admin@mcginniplaw.com I. Signature: Sean M. McGinn, Esq. Name of Person Signing	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card Authorized to be charged to deposit account Enclosed None required (government interest not affecting) 8. Payment information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 50-0481(deficiencies on Authorized User Name Sean M. McGinn June 10, 2011 Date

85/13/2011 ANDNOAF1 88888877 13857588 PATENT 48.88 0P REEL: 032753 FRAME: 0814

04/24/2014 14:22 7037612376 MC GINN IP LAW PAGE 10/10

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS

NAME AND ADDRESS OF ASSIGNOR Masao KAMIYA, Shinya BOYAMA and Yasuhisa USHIDA c/o TOYODA GOSEI CO., LTD. 1, Haruhinagahata, Kiyosu-shi, Aichi-ken, 452-8564, Japan

(HEREINAFTER REFERRED TO AS ASSIGNOR), have invented and own a certain new and useful invention entitled:

TITLE OF INVENTION:

LIGHT-EMITTING ELEMENT

WHEREAS

FULL NAME AND ADDRESS OF ASSIGNEE TOYODA GOSEI CO., LTD. 1, Haruhinagahata, Kiyosu-shi, Aichi-ken, 452-8564, Japan

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire right, title, and interest in, to and under said invention and the United States Letters Patent to be obtained therefor:

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN:

Вe

it known that in consideration of the payment of ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR, by these presents, hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States Patent obtained therefor on said application or any

United States Patent obtained therefor on said application or any (Assignment of Application for Patent - page 1 of 2)

continuation, division, renewal, substitute or reissue thereof for the full term or terms to said ASSIGNEE, of the entire right, title, and interest in and to the same, for his sole use and behoof, and for the use and behoof of his legal representatives, to the full end of the term or terms for which said Letters Patent obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for may be granted, as full and

PATENT REEL: 032753 FRAME: 0815

RECORDED: 02/10/2014