505117675 09/28/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5164436

SUBMISSION TYPE:		NEW ASSIGNMENT		
IATURE OF CONVEY	ANCE:	ASSIGNMENT		
CONVEYING PARTY	DATA			
		Name		Execution Date
KOJI SASAKI				09/05/2018
HIROSHI SUGATA				09/05/2018
NAOKI HANASHIMA				09/05/2018
RECEIVING PARTY I	ΟΑΤΑ			
Name:	DEXEF	IALS CORPORATION		
Street Address:	GATE	CITY OSAKI, EAST TOWER 8	3F, 1-11-2, OS	AKI, SHINAGAWA-KU
City:	токус			
State/Country:	JAPAN			
Postal Code:	141003	2		
		Numbor		
PROPERTY NUMBEI Property Typ Application Number	e	Number 16145840		
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PATENT REEL: 047006 FRAME: 0594

PTO/AIA/01 (06-12) (MODIFIED) Client Ref. No.: FDEX18001-US

Attorney Docket No.: 92-201-0033

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

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Title of Invention	OPTICAL BODY, METHOD FOR MANUFACTURING OPTICAL BODY, AND LIGHT- EMITTING APPARATUS
As the below	named inventor, I hereby declare that:
This declarati is directed to:	X The attached application or
	United States application or PCT international application number
The above-ide	entified application was made or authorized to be made by me.
WHEREAS,	I am the original inventor or an original joint inventor of a claimed invention in the application. DEXERIALS CORPORATION , with offices at
is desirous	Osaki, East Tower 8F, 1-11-2, Osaki, Shinagawa-ku, Tokyo 1410032 Japan (hereinafter referred to as ASSIGNEE), of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters ilar legal protection which may be granted therefor in the United States and in any and all foreign countries;
of which are legal represen in and to any any and all pr Convention R adheres, and I United States	EFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency hereby acknowledged, 1 by these presents do hereby assign, sell and transfer unto said ASSIGNEE, its successors, assigns, and itatives, the entire right, title and interest in said invention, said application, including any divisions and continuations thereof, and and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to iority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American telating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue said United States Letters ASSIGNEE, as the assignee of the whole right, title and interest thereto;
designee, as remuneration,	agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of ates and countries foreign thereto;
application fo	r agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for in foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters may be granted for my aforesaid invention, as said ASSIGNEE thereof shall hereafter require and prepare at its own expense;
application, s	r agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said aid invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will be same in any interference or litigation related thereto;
And I hereby this assignme	covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with nt and sale.
I hereby ackn not more than	wwwedge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of a five (5) years, or both.
LEGAL NAN	AE OF INVENTOR Koli SASAKI Date: Sep. 5, 20/8
Inventor:	
Signature:	Koji Sasaki

Paratus Law Group, PLLC 1765 Greensboro Station Piece, Suite 320 Tysons Corner, VA 22102 Tel: (\$71) 313-7556 | Fax: (703) 935-8473

PTO/AIA/01 (06-12) (MODIFIED) Client Ref. No.: FDEX18001-US

Attorney Docket No.: 92-201-0033

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DECLARATION (37	CFR 1.63) FOR	UTILITY OR	R DESIGN APPLI	CATION USING AN	
PPLICATION DATA	SHEET (37 CFI	R 1.76) AND A	SSIGNMENT FC	OR SINGLE ASSIGNED	£

"Annone and the second	
Title of Invention	OPTICAL BODY, METHOD FOR MANUFACTURING OPTICAL BODY, AND LIGHT- EMITTING APPARATUS
As the below	named inventor, I hereby declare that:
This declarati is directed to:	X The attached application or
	United States application or PCT international application number
The above-id	entified application was made or authorized to be made by me.
WHEREAS,	I am the original inventor or an original joint inventor of a claimed invention in the application. <u>DEXERIALS CORPORATION</u> , with offices at Osaki, East Tower 8F, 1-11-2, Osaki, Shinagawa-ku, Tokyo 1410032 Japan (hereinafter referred to as ASSIGNEE).
is desirous	of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters lar legal protection which may be granted therefor in the United States and in any and all foreign countries;
of which are legal represer in and to any any and all pi Convention F adheres, and United States	EFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency hereby acknowledged, I by these presents do hereby assign, sell and transfer unto said ASSIGNEE, its successors, assigns, and tatives, the entire right, title and interest in said invention, said application, including any divisions and continuations thereof, and and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to iority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American letating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue said United States Letters ASSIGNEE, as the assignee of the whole right, title and interest thereto;
designee, as remuneration	agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further , in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of ates and countries foreign thereto;
amplication fo	r agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for or foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters may be granted for my aforesaid invention, as said ASSIGNEE thereof shall hereafter require and prepare at its own expense;
application, s	r agree that ASSIGNEE will, upon its request, he provided promptly with all pertinent facts and documents relating to said aid invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will he same in any interference or litigation related thereto;
And I hereby this assignme	covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with nt and sale.
	owledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of 1 five (5) years, or both.
LEGAL NAM	AE OF INVENTOR
Inventor:	Hiroshi SUGATA Date Sep. 5. 2018

Paratus Law Group, PLLC 1765 Greensboro Station Place, Suite 320 Tysons Corner, VA 22102 Tel: (571) 313-7556 | Fax: (703) 935-8473

Sugata

Hiroshi

Signature:

PATENT REEL: 047006 FRAME: 0596

PTO/A1A/01 (06-12) (MODIFIED) Client Ref. No.: FDEX18081-118

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Title of Invention	OPTICAL BODY, METHOD FOR MANUFACTURING OPTICAL BODY, AND LIGHT EMITTING APPARATUS
As the below	named inventor, I hereby declare that:
This declarated to	X The attached application or
	United States application or PCT international application number
The above-id	entified application was made or authorized to be made by me.
I believe that WHEREAS,	I am the original inventor or an original joint inventor of a claimed invention in the application. DEXERIALS CORPORATION, with offices a
is desirous	Osaki, East Tower 8F, 1-11-2, Osaki, Shinagawa-ku, Tokyo 1410032 Japan (hereinafter referred to as ASSIGNEE) of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letter lar legal protection which may be granted therefor in the United States and in any and all foreign countries;
of which are legal represent in and to any any and all p Convention F adheres, and United States	EFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficience hereby acknowledged, 1 by these presents do hereby assign, sell and transfer unto said ASSIGNEE, its successors, assigns, an tatives, the entire right, title and interest in said invention, said application, including any divisions and continuations thereof, an and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and t iority rights and/or convention rights under the International Convention for the Protection of Industrial Property. Inter-America letating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of Americ to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in th and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue said United States Letter ASSIGNEE, as the assignee of the whole right, title and interest thereto;
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designee, as remuneration	ASSKINEE or its successors, assigns and legal representatives may from time-to-time present to me and without furthe
designee, as remuneration the United St And J furthe amplication for	ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without furthe in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of ites and countries foreign thereto;
designee, as remuneration the United St And I furthe application fo Patent which And I furthe application, s	ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of ates and countries foreign thereto; r agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for r foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letter may be granted for my aforesaid invention, as said ASSIGNEE thereof shall hereafter require and prepare at its own expense; r agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to sa
designee, as remuneration the United St And J furthe application for Patent which And J furthe application, s testify as to d	r agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for r foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letter may be granted for my aforesaid invention, as said ASSIGNEE thereof shall hereafter require and prepare at its own expense; r agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to sai aid invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and wi te same in any interference or litigation related thereto; covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict will
designce, as remuneration the United St And I furthe application for Patent which And I furthe application, s testify as to d And I hereby this assignme I hereby acka	ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of ates and countries foreign thereto; r agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letter may be granted for my aforesaid invention, as said ASSIGNEE thereof shall hereafter require and prepare at its own expense; r agree 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 in foreign countries as may be known and accessible to me and will e same in any interference or litigation related thereto;
designee, as remuneration the United St And I furthe application fo Patent which And I furthe application, s testify as to d And I hereby this assignme I hereby ackn not more than	ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without furthe in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of ites and countries foreign thereto; r agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for r foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letter may be granted for my aforesaid invention, as said ASSIGNEE thereof shall hereafter require and prepare at its own expense; r agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to sa aid invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and wit to same in any interference or litigation related thereto; covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict wi nt and sale.

1765 Greensboro Station Place, Suite 320 Tysons Corner, VA 22102 Tel: (571) 313-7556 | Fax: (703) 935-8473

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RECORDED: 09/28/2018