501998098 07/23/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the 2nd Assignor's execution date previously recorded on Reel 028476 Frame 0716. Assignor(s) hereby confirms the Assignment.

CONVEYING PARTY DATA

Name	Execution Date
Junko HAGA	05/13/2012
Yasuhiko MATSUOKA	05/07/2012

RECEIVING PARTY DATA

Name:	ASAHI GLASS COMPANY, LIMITED	
Street Address:	5-1, Marunouchi 1-chome, Chiyoda-ku	
City:	Tokyo	
State/Country:	JAPAN	
Postal Code:	100-8405	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13539664

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Correspondent Name: Oblon, Spivak, et al.
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ATTORNEY DOCKET NUMBER: 400111US99CONT

NAME OF SUBMITTER: Amna Raza

Total Attachments: 4

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> PATENT REEL: 028618 FRAME: 0988

OF \$40.00 13539664

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PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Junko HAGA	05/13/2012
Yasuhiko MATSUOKA	05/17/2012

RECEIVING PARTY DATA

Name:	Asahi Glass Company, Limited	
Street Address:	5-1, Marunouchi 1-chome, Chiyoda-ku	
City:	Tokyo	
State/Country:	JAPAN	
Postal Code:	100-8405	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	13539664	

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ATTORNEY DOCKET NUMBER: 400111US99CONT

> PATENT REEL: 028618 FRAME 3 6989

NAME OF SUBMITTE	≣R:	Malisa Savanh
Signature:		/Malisa Savanh/
Date:		07/02/2012
Total Attachments: 2 source=400111USASSIGNMENT#page1.tif source=400111USASSIGNMENT#page2.tif		
RECEIPT INFORMATION		
EPAS ID: Receipt Date: Fee Amount:	PAT2011802 07/02/2012 \$40	

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Page 1 of 2

Assignment of Application

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I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues,

continuations, substitutions and renewals thereof.

07/09

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, L.L.P. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: _	May/13/2012	J. Haga
		(Signature of Inventor) Junko Haga
Date: _	May 17/2012	y. Swlode
	·	(Signature of Inventor) / Yasuhiko Matsuoka
Date:		
		(Signature of Inventor)
Date:		
		(Signature of Inventor)
Date: _		
		(Signature of Inventor)
_		
Date: _		(Signature of Inventor)
		(SITIALUIC OF INVERIOR)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P. ATTORNEYS AT LAW

1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

07/09

PATENT REEL: 028618 FRAME: 0992