10/13/2015 503520510

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3567136

SUBMISSION TYPE: CORRECTIVE ASSIGNMENT		
	Corrective Assignment to correct the INVENTOR NAME previously recorded on Reel 036230 Frame 0001. Assignor(s) hereby confirms the CORRECTIVE ASSIGNMENT.	

CONVEYING PARTY DATA

Name	Execution Date
Tsuyoshi SUZUKI	07/08/2015
Rikiya YAMASHITA	07/08/2015
Kazuhiko YOKOTA	07/08/2015
Masakazu KANDORI	07/08/2015
YAICHIRO HORI	07/08/2015
Tetsuya OJIRI	07/08/2015

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PROPERTY NUMBERS Total: 1

Property Type	Number		
Application Number:	14765187		

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ATTORNEY DOCKET NUMBER: 166186 NAME OF SUBMITTER: ANNALYNN H. STEIN

PATENT REEL: 036845 FRAME: 0352

503520510

SIGNATURE:	/Annalynn H. Stein/ for R. Brian Drozd		
DATE SIGNED:	10/13/2015		
Total Attachments: 5			
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source=166186_CorrectedNORA_101315#page5.tif			

PATENT REEL: 036845 FRAME: 0353

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3465146

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Tsuyoshi SUZUKI	07/08/2015
Rikiya YAMASHITA	07/08/2015
Kazuhiko YOKOTA	07/08/2015
Masakazu KANDORI	07/08/2015
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14765187

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ATTORNEY DOCKET NUMBER:	166186		
NAME OF SUBMITTER:	CHANDEL LAWRENCE		
SIGNATURE:	/Chandel Lawrence/ for James A. Oliff		
DATE SIGNED:	07/31/2015		

PATENT REEL: 036845 FRAME: 0354

ASSIGNMENT (BEING FILED FOR DUAL PURPOSE UNDER 37 CFR 1.63(e)) For Application with Filing Date on or after September 16, 2012

ASSIGNMENT

	Insert	(1)	Hiroki DOUKE	(2)	Yoshihiro SHINOHARA
(1-8)	Legal Name(s)	(3)	Tsuyoshi SUZUKI	(4)	Rikiya YAMASHITA
	of Inventor(s)	(5)	Kazuhiko YOKOTA	(6)	Masakazu KANDORI
		(7)	Yalchiro HORI	(8)	Tetsuya OJIRI
		the und	sideration of the sum of one dollar dersigned, the receipt and sufficient and hereby does assign, transfer a	cy of which are I	good and valuable consideration paid to each of hereby acknowledged, each undersigned agrees to
(9)	Insert Name of Assignee	(9)	DAI NIPPON PRINTING CO.,	LTD.	
(10)	Insert Address of Assignee	(10) 1-1, Ichigaya Kagacho I-chome, Shinjuku-ku, Tokyo 162-8001, JAPAN			
(11) Insert Identification such as Title, Case		the ent invent contin	ire right, title and interest for the U ion, and in all applications for pater	Inited States of Ant including any reissue application granted on the	irs, successors, assigns and legal representatives, unerica as defined in 35 U.S.C. §100, in the and all provisional, non-provisional, divisional, ion(s), and all Letters Patent, extensions, reissues invention known as
	Number, or Foreign Application Number	(Attor	ncy Docket No. 166186 .),	filed on even date herewith or as
(12)	Alternative	(12)	U.S. Application Number		
	Identification for		breares subski		
	filed applications	filed			
declare	ute separate assignments in 2) Each undersigned agre d concerning any application ng forward with such interfe	connection less to exect an or patent brence or p	with such applications and paten ute all papers necessary in connec for the invention and to cooperate ost-grant proceeding.	ts as the Assignedion with any in the Assignment of the Assignment	plication and/or patent for the invention and also be may deem necessary. terference or post-grant proceeding which may be nee in every way possible in obtaining evidence which may be necessary in connection with

- claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.
- 5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all patents resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he or she has full right to convey the entire interest herein assigned, and that he or she has not executed, and will not execute, any agreement(s) in conflict herewith, and agrees that
- this assignment is binding on Assignor and Assignor's heirs, successors, assigns and legal representatives.

 6) Each undersigned hereby grants the firm of OLIFF PLC the power to insert on this assignment any further identification that 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.

(13)Declaration

As an above named inventor, I hereby declare that:

I believe I am the original inventor or an original joint inventor of a claimed invention (or claimed design) in the above-identified application for which this declaration is being submitted.

The application was made or authorized to be made by me.

I have reviewed and understand the contents of the above-identified application, including the claims, and am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR §1.56.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

> **PATENT** REEL: 036845 FRAME: 0355

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
Date	July 8, 2015	Inventor Signature	Tsuyoshi Suzuki	(SEAL)
Date	July 8, 2015	Inventor Signature	Rikiya Yamashita	(SEAL)
Date	July 8, 2015	Inventor Signature	Kazuhiko Tokota	(SEAL)
Date	July 8, 2015	Inventor Signature	Masakazu Kandori	(SEAL)
Date	July 8, 2015	Inventor Signature	Yaichiro Hori	(SEAL)
Date	July 8, 2015	Inventor Signature	Tetsuja Giri	(SEAL)
neither.	This assignment should preferably be signed before at least tw	gned hefore: (a) a Notary Pub so witnesses who also sign her	lic if within the U.S.A. (b) a U.S. Consul if outside thre:	e U.S.Λ. Ι
Date		Witness		
Date		Witness		