PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4989298

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YUKI ARITSUKA	05/24/2018
NAOKO NAKATA	05/28/2018
HIROKAZU ODA	05/25/2018

RECEIVING PARTY DATA

Name:	DAI NIPPON PRINTING CO., LTD.
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City:	TOKYO
State/Country:	JAPAN

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15761407	

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SIGNATURE:	/Raymond A. DiPerna/
DATE SIGNED:	06/04/2018

Total Attachments: 3

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PATENT 504942552 REEL: 045974 FRAME: 0371

PATENT
For: [x] U.S. and/or [] Foreign Rights For: [] U.S. Application or
TION (MULTIPLE INVENTORS)
EE to ASSIGNOR of the sum of One Dollar (\$1.00), the or other good and valuable consideration,
Dai Nippon Printing Co., Ltd. 1-1,Ichigaya-Kaga-cho 1-chome Shinjuku-ku, Tokyo 162-8001, Japan
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Dai Nippon Printing Co., Ltd.
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PATENT REEL: 045974 FRAME: 0372

Nationality

Added pa	ge(s) for s	ignature by subsequent i	nventors. Numl	ber of pages added	CONCRETE CONTRACTOR
	(if ass	rignment is by person or entity and this was record			ed
Recorded	lon	respondent plant and the plant plant plant and a second plant plan	Reel Frame		,
hereby sells, ASSIGNEE	assigns an	d transfers to			
DAI NIPPON		NG CO., LTD. gnee)	1-1,Ichigaya-I Address	Kaga-cho 1-chome	
Japanese Nationality			Shinjuku-ku,	Tokyo-to, Japan	
and the su	ccessors,	assigns and legal represe	entatives of the	ASSIGNEE	
		(complete	one of the followin	ıg)	
[x] the entire right, title and interest [] an undivided percent (%) right, title and interest for the United States and its territorial possessions					
		(check the following box, if)	foreign rights are c	also to be assigned)	
[]	and in a	all foreign countries, incl ements which are disclos	luding all rights sed in the inven	to claim priority, in tion entitled:	and to any and all
METHOI	FOR M	ANUFACTURING INF	ORMATION R	LECIORDING MEDI	IUM .
Name of it	rventor(s)	Yuki ARITSUKA	N	aoko NAKATA	Hirokazu ODA
		(check and complete	(a), (b), (c), (d), (e	z), (f) or (g))	
and which is (a) (b) (c)	found in (ASSIGNOR si	at application existional application of the control of the control of the control of the control of the filing date of the control of	recuted on	e inventor(s) for the assignment, I, an request my attorney
(d) (e) (f)	[x] [] []	U.S. patent or provision filed on March 19, 201: International application U.S. patent no. [] A change of ad	nal patent applicable 8 n no. PCT/ issue dress to which		***************************************

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(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 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.

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, We have hereunto set hand and seal

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

Yuki ARITSUKA	Geli Writonth	A May 24, 20
(type name of Assignor)	Synature of ASSIGNOR	this date of signing
Naoko NAKATA	naoko nakata	May 28, 20 date of signing
(type name of Assignor)	Signature of ASSIGNOR	this date of signing
Hirokazů ODA	Kirokazu Oda	May 25,2016
(type name of Assignor)	Signature of ASSIGNOR	this date of signing
(type name of Assignor)	Signature of ASSIGNOR	this date of signing
(type name of Assignor)	Signature of ASSIGNOR	this date of signing
(lf AS	SIGNOR is a legal entity, complete the following inform	nation)
		ne of the above person n behalf of ASSIGNOR)
	Title	***************************************
	notarization or legalization is necessary. If the assignm	

[] Notarization or Legalization Page Added.

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PATENT REEL: 045974 FRAME: 0374

RECORDED: 06/04/2018