504699749 12/21/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT4746471

Stylesheet Version v1.2

SUBMISSION TYPE:NEW ASSIGNMENTNATURE OF CONVEYANCE:ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
KATSUHIRO MORI	12/01/2017	

RECEIVING PARTY DATA

Name:	TOA CORPORATION	
Street Address:	7-2-1, MINATOJIMA-NAKAMACHI	
Internal Address:	rnal Address: CHUO-KU, KOBE-SHI	
City:	HYOGO-KEN	
State/Country:	JAPAN	
Postal Code:	650-0046	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15574402

CORRESPONDENCE DATA

Fax Number: (415)576-0300

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 4155760200

Email: dgibby@kilpatricktownsend.com

Correspondent Name: KILPATRICK TOWNSEND & STOCKTON LLP

Address Line 1: 1100 PEACHTREE STREET Address Line 4: ATLANTA, GEORGIA 30309

ATTORNEY DOCKET NUMBER:	96619-1067616
NAME OF SUBMITTER:	DARIN J. GIBBY
SIGNATURE:	/darin j gibby/
DATE SIGNED:	12/21/2017

Total Attachments: 1

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PATENT 504699749 REEL: 044461 FRAME: 0979

ASSIGNMENT OF APPLICATION

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned inventor(s) hereby:

1) Sell(s), assign(s) and transfer(s) to

TOA CORPORATION

(hereinafter referred to as "ASSIGNEE"), which has a business office at $\ensuremath{\mbox{}}$

7-2-1, Minatojima-Nakamachi, Chuo-ku, Kobe-shi, Hyogo-ken 650-0046 Japan,

the entire right, title, and interest in any and all inventions and improvements disclosed in, application(s) based upon, and Patent(s) granted upon the information which is disclosed in the application entitled:

CHANNEL SIMULATION DEVICE AND CHANNEL SIMULATION PROGRAM

for which I (we) ha	ave executed an application in December 1, 2017	or a United States
Letters Patent on	December 1, 2017	. (Application Serial
No. 15/574 <u>,402</u>	filed on November 15, 20	[7 .)

- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application, or any division, continuation, substitute or reissue thereof, to the ASSIGNEE.
- 3) Agree to execute all papers and documents and perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof and/or the enforcement of patents resulting from such applications.

	Signed on the date(s)	indicated	beside	my (our)	signa	itur	e(s).
1)	(G)		Date:	Decem	ber	١,	١١٥د
	Name: Katsuhifo MORI						
Wi	tness: John k		Date:	<u>Decen</u>	nber	<u>l.</u>	2017
	- V						

PATENT REEL: 044461 FRAME: 0980

RECORDED: 12/21/2017