504662687 11/29/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4709409

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
IAN JUSO DEDIC	11/20/2017
PRABHU ASHWIN HAROLD REBELLO	09/11/2017
JOHN JAMES DANSON	11/22/2017

RECEIVING PARTY DATA

Name:	SOCIONEXT INC.
Street Address:	2-10-23 SHIN-YOKOHAMA, KOHOKU-KU
City:	YOKOHAMA-SHI, KANAGAWA
State/Country:	JAPAN
Postal Code:	222-0033

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15455957

CORRESPONDENCE DATA

Fax Number: (202)857-6395

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: 2028576000

patentdocket@ArentFox.com Email:

ARENT FOX LLP **Correspondent Name:** 1717 K STREET, NW Address Line 1:

Address Line 4: WASHINGTON, D.C. 20006

ATTORNEY DOCKET NUMBER:	100207.00041
NAME OF SUBMITTER:	ERIC WOLKWITZ
SIGNATURE:	/eric wolkwitz/
DATE SIGNED:	11/29/2017

Total Attachments: 3

source=100207-00041_Assignment-as-filed#page1.tif source=100207-00041_Assignment-as-filed#page2.tif source=100207-00041_Assignment-as-filed#page3.tif

PATENT REEL: 044252 FRAME: 0150 504662687

Docket No.	100207.00041	

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

	• 1	•	```	, ,		
[Insert	Socionext Inc.					
ASSIGNEE's	\d-\d-\d-\d-\d-\d-\d-\d-\d-\d-\d-\d-\d-\		1-Yokohama, Kohoku-ku			
Name(s) Address(es)]			Kanagawa 222-0033 Japa	11		
, ,-			4			
	hereby sells, assigns	and transfers to ASSI	GNEE the entire and exe	d, the undersigned ASSIGNOR clusive right, title and interest, rsuant to 35 U.S.C. §154, to the		
[Title of Invention]		CIRCUITRY FO	R USE IN COMPARATO	RS		
[*If the assignment is being filed after the filing of the	for which application otherwise indicated be		United States was execut	ed on even date herewith unless		
application, this section must be	filed on	March 10, 2017	, Serial No.	15/455,957		
completed]	(Arent Fox LLP is I	(Arent Fox LLP is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)				
	division, renewal, su	bstitute, reissue or ree	e obtained therefor on said xamination thereof, and which the same may be gra	application or any continuation, any other application claiming nted.		
	continuing, divisiona	l, reissue or reexamin	ation applications thereof	nection with application and any and also to execute separate deem necessary or expedient.		
	litigation, or other leading continuation, division and to cooperate with	egal proceeding which, reissue or reexamination the ASSIGNEE in even	may be declared conc on thereof or Letters Patent	onnection with any interference, erning this application or any tor reissue patent issued thereon ing and producing evidence and		
	IN WITNESS WHER	EOF, the undersigned in	ventor(s) has (have) affixe	d his/her/their signature(s).		
[Signature(s)	I. Deo	lic	Ian Juso DEDIC	20 NOV 2017		
of Assignor(s)]	(SIGNATU	JRE)	(TYPE NAME) Prabhu Ashwin Harol REBELLO	d (DATE)		
	(SIGNATU	URE)	(TYPE NAME) John James DANSON	(DATE)		
	(SIGNATU	JRE)	(TYPE NAME)	(DATE)		

AFDOCS/14619847.1

U.S. ASSIGNMENT

	IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by				
[Insert	Socionext Inc.				
ASSIGNEE's	2-10-23	Shin-Yokohama, Kohoku-ku			
Name(s) Address(es)]		-shi, Kanagawa 222-0033 Japan			
Address(es)]					
	(hereinafter ASSIGNEE), the receipt of hereby sells, assigns and transfers to A including the right to sue for past infringe invention entitled	SSIGNEE the entire and exclus	sive right, title and interest,		
[Title of Invention]	CIRCUITRY	FOR USE IN COMPARATORS			
[*If the assignment is being filed after the filing of the	for which application for Letters Patent o otherwise indicated below:	f the United States was executed	on even date herewith unless		
application, this section must be	filed on March 10, 2017	, Serial No. 15/	/455,957		
completed]	(Arent Fox LLP is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)				
	and all Letters Patent of the United States division, renewal, substitute, reissue or priority thereto, for the full term or terms	reexamination thereof, and any	other application claiming		
	The ASSIGNOR agrees to execute all papers necessary in connection with application and any continuing, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.				
	The ASSIGNOR agrees to exec litigation, or other legal proceeding w continuation, division, reissue or reexamin and to cooperate with the ASSIGNEE in proceeding with such interference, litigation	nation thereof or Letters Patent or every way possible in obtaining	ng this application or any reissue patent issued thereon		
	IN WITNESS WHEREOF, the undersigned	ed inventor(s) has (have) affixed h	is/her/their signature(s).		
[Signature(s)	·	Ian Juso DEDIC			
of Assignor(s)]	(SIGNATURE), ./	(TYPE NAME)	(DATE)		
	All Chapell	Prabhu Ashwin Harold	alulani		
	1 Junio de la como	REBELLO			
	(SIGNATURE)	(TYPE NAME)	I (DATE)		
·	(CICNIA TIME)	John James DANSON	· (r) \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		
•	(SIGNATURE)	(TYPE NAME)	(DATE)		

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PATENT

REEL: 044252 FRAME: 0152

Docket No.	100207.00041	

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

	•	•	***	, •	
Insert			Socionext Inc.		
ASSIGNEE's	**************************************	2-10-23 \$	Shin-Yokohama, Kohoku-k	1	
Name(s) Address(es)]		Yokohama-	shi, Kanagawa 222-0033 Ja	pan	
	hereby sells, assign	s and transfers to AS	SSIGNEE the entire and	iged, the undersigned ASSIC exclusive right, title and in pursuant to 35 U.S.C. §154,	nterest,
Title of		CIRCUITRY	FOR USE IN COMPARAT	ORS	
nvention]					
*If the assignment s being filed	for which applicatio otherwise indicated		the United States was exec	cuted on even date herewith	unless
after the filing of the application, this	filed on	March 10, 2017	, Serial No.	15/455,957	
section must be completed]	(Arant Foy T.I.D.	harahy authorizad to incert	the ceries ender cerial number and	for filing date hereon, when known)
,	(Altere Fox Lan 6	(Arent Fox LLP is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)			
	division, renewal, s	substitute, reissue or	o be obtained therefor on sa reexamination thereof, an or which the same may be g	aid application or any continu d any other application cla granted.	ation, aiming
	continuing, division	al, reissue or reexan	nination applications there	onnection with application as cof and also to execute se may deem necessary or exped	eparate
	litigation, or other continuation, division and to cooperate wi	legal proceeding when, reissue or reexaming the the ASSIGNEE in	nich may be declared co ation thereof or Letters Pat	connection with any interference or reissue patent issued the timing and producing evidence.	or any
	IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).				
[Signature(s) of Assignor(s)]	(SIGNAT	URE)	Ian Juso DEDIO (TYPE NAME) Prabhu Ashwin Harold R) (DATE EBELLO (DATE	
	SIGNAT (SIGNAT		(TYPE NAME John James DANS (TYPE NAME	<u>ON 7017-11-</u>	22
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RECORDED: 11/29/2017

PATENT REEL: 044252 FRAME: 0153