505316576 02/06/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5363357

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SYLVAIN PANIER	02/05/2019
BEHZAD FARZANEH	01/09/2019
DARREN WALKER	01/24/2019
IAN JUSO DEDIC	12/17/2018

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:	16244025	

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

Email: patentdocket@arentfox.com

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

Address Line 4: WASHINGTON, D.C. 20006

ATTORNEY DOCKET NUMBER:	100207.00063	
NAME OF SUBMITTER:	CHARNELLE SAVOY	
SIGNATURE:	/Charnelle Savoy/	
DATE SIGNED:	02/06/2019	

Total Attachments: 4

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PATENT REEL: 048255 FRAME: 0041

WORLDWIDE ASSIGNMENT

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

finsert ASSIGNEE's	SOCIONEXT INC.				
Name(s) and	2-10-23 Shin-Yokohama, Kohoku-ku				
Address(es)]		ni, Kanagawa 222-0033, Japan			
	(hereinaster ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR agrees to and hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest, including the right to sue for past infringement, if any, and all rights pursuant to 35 U.S.C. §154, to the invention titled				
[Title of Invention]	CLOCK DISTRIBUTION				
[*If the assignment is being filed after the filing of	for which application for Letters Patent of the U indicated below:	nited States was executed on even date	herewith unless otherwise		
the application, this section must	filed on Januarys 9, 2019	Serial No.: 16/24402	5		
be completed]	(Arent Fox LLP is hereby authorized to insert the s	eries code, serial number and/or filing date, when I	cnown)		
and all Letters Patent of the United States and its territorial possessions and in any and all foreign of obtained therefor on said application or any continuation, divisional, continuation-in-part, renewate reissue or reexamination thereof, and any other applications claiming priority thereto, including future improvements, for the full term or terms for which the same may be granted.					
	The ASSIGNOR agrees to execute all participation of the divisional, continuation-in-part, reissue or reexample priority thereto, including future inventions or in with such applications as the ASSIGNEE may determine the division of the di	nination applications thereof and any of approvements, also to execute separate a	her applications claiming		
The ASSIGNOR agrees to execute all papers necessary in connection with any interfere other legal proceeding which may be declared concerning this application or any continuation-in-part, reissue or reexamination thereof or Letters Patent or reissue patent issued other applications claiming priority thereto, including future inventions or improvements, and to c ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with s litigation, or other legal proceeding.					
	IN WITNESS WHEREOF, the undersign	ned inventor(s) has (have) affixed his/her	r/their signature(s).		
[Signature(s) of Assignor(s)]	T	Sylvain PANIER	5/01/2019		
ot Assigno(s);	(SIGNATURE)	(TYPE NAME) Behzad FARZANEH	(DATE)		
	(SIGNATURE))	(TYPE NAME) Darren WALKER	(DATE)		
	(SIGNATURE)	(TYPE NAME) Juso lan DEDIC	(DATE)		
	(SIGNATURE)	(TYPE NAME)	(DATE)		
	(SIGNATURE)	(TYPE NAME)	(DATE)		
	(SIGNATURE)	(TYPE NAME)	(DATE)		

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WORLDWIDE ASSIGNMENT

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

[Insert	SOCIONEXT INC.				
ASSIGNEE's Name(s) and) and 2-10-23 Shin-Yokohama, Kohoku-ku				
Address(es)]		Yokohama-sl	ii, Kanagawa 222-0033	, Japan	
	(hereinafter ASSIGNEE), the hereby sells, assigns and tra- to sue for past infringement,	nsfers to ASSIGNEE	the entire and exclusiv	e right, title and	nterest including the right
[Title of Invention]	CLOCK DISTRIBUTION for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:				
[*If the assignment is being filed after the filing of					
the application, this section must	filed on Janua	ary 9, 2019	Serial No.:	16/2	44025
he completed]	(Arent Fox LLP is hereb	y authorized to insert the s	cries code, serial number and	Vor filing date, when	known)
e i	and all Letters Patent of the United States and its territorial possessions and in any and all foreign countries to be obtained therefor on said application or any continuation, divisional, continuation-in-part, renewal, substitute, reissue or reexamination thereof, and any other applications claiming priority thereto, including future inventions or improvements, for the full term or terms for which the same may be granted.				
	The ASSIGNOR ag divisional, continuation-in-p priority thereto, including for with such applications as the	oart, reissue or reexan uture inventions or in	nination applications the provements, also to e	nercof and any oxecute separate a	cation and any continuing, ther applications claiming assignments in connection
d Johnson	The ASSIGNOR agother legal proceeding who continuation-in-part, reissue other applications claiming passignee in every way plitigation, or other legal process.	ich may be declared or reexamination the priority thereto, include possible in obtaining	I concerning this appreced or Letters Patent ling future inventions of	olication or any or reissue pater or improvements,	it issued thereon, and any
	IN WITNESS WHI	EREOF, the undersign	ed inventor(s) has (hav	e) affixed his/he	/their signature(s).
[Signature(s) of Assignor(s)]			Sylvain P	ANIER	
100 100 00 00 00 00 00 00 00 00 00 00 00	(SIGNATUR	E)	(TYPE N		(DATE)
	-/-///////////////////////////////////	pv	Behzad FA	RZANEIT	_ <u>09/01/2019</u> _
, ;	(SIGNATUR	£1.	(TYPE N Darren W		(DATE)
, ,	(SIGNATUR	E)	(TYPE N Juso Ian I		(DATE)
•	(SIGNATUR	E)	(TYPE N	IAME)	(DATE)
9 9 m	(SIGNATUR	<u>E)</u>	(ТҮРЕ Л	IAME)	(DATE).
	(SIGNATUR	E)	(TYPE N	IAME)	(DATE)

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

Insert ASSIGNEE's Vame(s) and		SOCIONEXT INC. 2-10-23 Shin-Yokohama, Kohoku-ku				
\ddress(cs)]		Yokohama-s	ni, Kanagawa 222-0033, Japa	nn		
	hereby sells, assigns a	and transfers to ASSIGNEE ement, if any, and all rights	hereby acknowledged, the u the entire and exclusive righ pursuant to 35 U.S.C. §154, a	t, title and interest,	including the right	
Title of nvention]	CLOCK DISTRIBUTION					
*If the assignment s being filed after the filing of	for which application indicated below:	for Letters Patent of the U	nited States was executed or	n even date herewit	h unless otherwise	
he application, his section must	filed on	January 9, 2019	Serial No.:	16/244025		
pe completed]	(Arent Fox LLI	is hereby authorized to insert the	series code, serial number and/or fili	ng date, when known)	**************************************	
	obtained therefor on reissue or reexaminat	said application or any c	s territorial possessions and continuation, divisional, con pplications claiming priority h the same may be granted.	tinuation-in-part, re	enewal, substitute,	
	divisional, continuati priority thereto, inclu	on-in-part, reissue or reexa	apers necessary in connection mination applications thereo- mprovements, also to execut em necessary or expedient.	f and any other app	olications claiming	
	other legal proceedi continuation-in-part, other applications cla ASSIGNEE in every	ng which may be declare reissue or reexamination the iming priority thereto, inclu- way possible in obtaining	papers necessary in connection ed concerning this applicate hereof or Letters Patent or re- ding future inventions or im- and producing evidence an	ion or any contine eissue patent issued provements, and to	d thereon, and any cooperate with the	
	litigation, or other leg		ned inventor(s) has (have) af	fixed his/her/their s	ignature(s).	
Signature(s) of Assignor(s)]		٠	Sylvain PANII	ER		
	(SIGN	NATURE)	(TYPE NAM Behzad FARZA		(DATE)	
	(SIGN	VATURE)	(TYPE NAM	E)	(DATE)	
	W.		Darren WALK	ER	24/01/2019	
	(SIG)	NATURE)	(TYPE NAM Juso Ian DED		(DATE)	
· · · · · · · · · · · · · · · · · · ·	(SIG)	NATURE)	(TYPE NAM	E)	(DATE)	
	(SIG)	NATURE)	(TYPE NAM	E)	(DATE)	

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WORLDWIDE ASSIGNMENT

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

SOCIONEXT INC.

Name(s) and Address(es)]	2-10-23 Shin-Yokohama, Kohoku-ku Yokohama-shi, Kanagawa 222-0033, Japan				
	(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR agrees to and hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest, including the right				
	to sue for past infringement, if any, and all righ	ts pursuant to 35 U.S.C. §154	, to the invention titled		
[Title of Invention]	CLOCK DISTRIBUTION				
[*If the assignment is being filed after the filing of	for which application for Letters Patent of the indicated below:	United States was executed of	on even date herewith unless otherwise		
the application,	filed on January 9, 2019	Serial No.:	16/244025		
be completed]	(Arent Fox LLP is hereby authorized to insert if	ne series code, serial number and/or fa	ling date, when known)		
	and all Letters Patent of the United States and obtained therefor on said application or any reissue or reexamination thereof, and any other improvements, for the full term or terms for wh	continuation, divisional, co	atimistion-in-part renoval substitute		
	The ASSIGNOR agrees to execute all divisional, continuation-in-part, reissue or reex priority thereto, including future inventions or with such applications as the ASSIGNEE may a	camination applications there improvements, also to execu-	on with application and any continuing, of and any other applications claiming the separate assignments in connection		
	The ASSIGNOR agrees to execute all other legal proceeding which may be declar continuation-in-part, reissue or reexamination other applications claiming priority thereto, inc ASSIGNEE in every way possible in obtaining litigation, or other legal proceeding.	red concerning this applica thereof or Letters Patent or i luding future inventions or in	eissue patent issued thereon, and any		
	IN WITNESS WHEREOF, the unders	igned inventor(s) has (have) a	ffixed his/her/their signature(s).		
[Signature(s) of Assignor(s)]		Sylvain PANI			
•	(SIGNATURE)	(TYPE NAM Behzad FARZA			
	(SIGNATURE)	(TYPE NAM Darren WALK			
	(SIGNATURE)	(TYPE NAM			
	I Pedie	Juso lan DED	IC (7 DEC 2018		
	(SIGNATURE)	(TYPE NAM	E) (DATE)		
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ta.	(SIGNATURE)	(TYPE NAM	E) (DATE)		

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RECORDED: 02/06/2019

[Insert ASSIGNEE's