505273298 01/10/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5320070

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GUIDO DRÖGE	11/28/2018
NIKLAS LINKEWITSCH	11/29/2018
CHARLES JOSEPH DEDIC	12/03/2018
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:	16243992

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:	100207.00053
NAME OF SUBMITTER:	CHARNELLE SAVOY
SIGNATURE:	/Charnelle Savoy/
DATE SIGNED:	01/10/2019

Total Attachments: 4

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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	School and the distribution of the second se					
ASSIGNEE's	SOCIONEXT INC. 2-10-23 Shin-Yokohama, Kohoku-ku					
Name(s) and Address(es)]	Yokohama-shi, Kanagawa 222-0033 Japan					
radiosales)I	Tokonama-sin, Kanagawa 222-0033 sapan					
¥ - 1	(hereinafter ASSIGNEE), the receipt of which is	hereby acknowledged, the ur	odersioned ASSIGNOR agrees to			
	and hereby sells, assigns and transfers to ASSIG	NEE 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]	SEMICONDUCTOR INTEGRATED CIRCUITRY					
*If the assignment is being filed	for which application for Letters Patent of the otherwise indicated below:	e United States was executed	d on even date herewith unless			
ifter the filing of he application,	filed on January 9, 2019	Serial No.:	16/243992			
his section must- be completed]	(Arent Fox LLP is hereby authorized to insert the	series code, serial number and/or fili	ng date, when known)			
	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 agrees to execute a continuing, divisional, continuation-in-part, re applications claiming priority thereto, including assignments in connection with such applications.	issue or reexamination apple future inventions or improve	ications thereof and any other ements, also to execute separate			
	The ASSIGNOR agrees to execute litigation, or other legal proceeding which may divisional, continuation-in-part, reissue or reex thereon, and any other applications claiming pric to cooperate with the ASSIGNEE in every way with such interference, litigation, or other legal p	be declared concerning this amination thereof or Letters wity thereto, including future in possible in obtaining and pro	application or any continuation, Patent or reissue patent issued inventions or improvements, and			
	IN WITNESS WHEREOF, the undersig	gned inventor(s) has (have) af	fixed his/her/their signature(s).			
Signature(s) f Assignor(s)]	9. Ovino	Guido DRÖGE	ZIM8			
	(SIGNATURE)	(TYPE NAME)	(DATE)			
		Niklas LINKEWITS	СН			
	(SIGNATURE)	(TYPE NAME)	(DATE)			
: :		Charles Joseph DEI	DIC			
	(SIGNATURE)	(TYPE NAME)	(DATE)			
•		Ian Juso DEDIC				
	(SIGNATURE)	(TYPE NAME)	(DATE)			
	(CACALLA CILLY)	(1 TOD HAME)	(DAID)			

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Llantak Ma	100007 00063	
Docket No.	100207.00053	

WORLDWIDE ASSIGNMENT
IN CONSIDERATION of the sum of One Dollar (\$1.00 US), and of other good and valuable

	consideration paid to the undersigned inver	ntor(s) (hereinafter ASSIGNOR) by			
[Insert		SOCIONEXT INC.				
ASSIGNEE's Name(s) and	2-10-23 Shin-Yokohama, Kohoku-ku					
Address(es)]	Yokohama-shi, Kanagawa 222-0033 Japan					
er e	(hereinafter ASSIGNEB), 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 hvention]	SEMICONDUCTOR INTEGRATED CIRCUITRY					
*If the assignment s being filed	for which application for Letters Patent of the United States was executed on even date herewith unles otherwise indicated below:					
after the filing of	filed on January 9, 2019	Serial No.:	16/243992			
he application, his section must be completed]	(Arent Fox LLP is hereby authorized to ins		filing date, when known)		
	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 agrees to execute all papers necessary in connection with application and any continuing, divisional, continuation-in-part, reissue or reexamination applications thereof and any other applications claiming priority thereto, including future inventions or improvements, also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.					
	The ASSIGNOR agrees to executing to cooperate with the ASSIGNEE in every with such interference, litigation, or other legal proceeding which divisional, continuation-in-part, reissue or thereon, and any other applications claiming to cooperate with the ASSIGNEE in every with such interference, litigation, or other legal to the cooperate with the ASSIGNEE in every with such interference, litigation, or other legal.	may be declared concerning the reexamination thereof or Lette g priority thereto, including future way possible in obtaining and p	nis application or an ers Patent or reissu- re inventions or imp	y continuation, e patent issued tovements and		
	IN WITNESS WHEREOF, the unc	dersigned inventor(s) has (have)	affixed his/her/their	signature(s).		
Signature(s) f Assignor(s)]	· · · · · · · · · · · · · · · · · · ·	Guido DRÖC	•			
Ο	(SIGNATURE)	(TYPE NAM	E)	(DATE)		
	Milles Com	Niklas LINKEWI	TSCH	11/24/28		
	(SIGNATURE)	(TYPE NAM	E)	(DATE)		
,		Charles Joseph D	DEDIC			
	(SIGNATURE)	(TYPE NAME	<u> </u>	(DATE)		
•.						
		Ian Juso DEDI	C			
	(SIGNATURE)	(TYPE NAME	<u> </u>	(DATE)		

PATENT REEL: 047961 FRAME: 0187

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 Unsert SOCIONEXT INC ASSIGNEE'S 2-10-23 Shin-Yokohama, Kohoku-ku Name(s) and Address(es)1 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 rights pursuant to 35 U.S.C. §154, to the invention titled Title of SEMICONDUCTOR INTEGRATED CIRCUITRY Invention) for which application for Letters Patent of the United States was executed on even date herewith unless [*If the otherwise indicated below: assignment is being tiled offer the filing of 16/243992 filed on January 9, 2019 Serial No.: the application, this section must (Arent Fox LLP is hereby authorized to insert the series code; sorial number and/or filing date, when known) be completed] 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 agrees to execute all papers necessary in connection with application and any continuing, divisional, continuation-in-part, reissue or reexamination applications thereof and any other applications claiming priority thereto, including future inventions or improvements, also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient. The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, continuation-in-part, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon, and any other applications claiming priority thereto, including future inventions or improvements, and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding. IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s). (Signature(s) Guido DRÖGE of Assignor(s)] (SIGNATURE) (TYPE NAME) (DATE) Niklas LINKEWITSCH (SIGNATURE) (TYPE NAME) (DATE) Charles Joseph DEDIC (SIGNÁTURE) (TYPE NAME) Ian Juso DEDIC (SIGNATURE)

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(DATE)

(TYPE NAME)

Docket No.	100207.00053	
	CONTRACTOR OF THE PROPERTY OF	 100

WORLDWIDE ASSIGNMENT

	consideration paid to the undersigned inventor	(s) (hereinafter ASSIGNOR) by	i of other good and valuable		
Unsert	SOCIONEXT INC.				
ASSIGNEE's Name(s) and		Shin-Yokohama, Kohoku-ku			
Address(es)]	Yokohama-a	shi, Kanagawa 222-0033 Japan			
	(hereinafter ASSIGNEE), the receipt of which and hereby sells, assigns and transfers to ASSI the right to sue for past infringement, if any, ar	UNEL the entire and exclusive ric	the title and interest including		
[Title of	SEMICONDUC	OR INTEGRATED CIRCUITES	y		
Invention]					
[*If the assignment is being filed					
after the filing of the application,	filed on January 9, 2019	Serial No.:	16/243992		
this section must be completed]	(Arent Fox LLP is hereby authorized to insert to	he series code, serial number and/or filing	date, when known)		
	and all Letters Patent of the United States and its territorial possessions and in any and all foreign be obtained therefor on said application or any continuation, divisional, continuation-in-passibility, reissue or reexamination thereof, and any other applications claiming priority there future inventions or improvements, for the full term or terms for which the same may be granted.				
*;	The ASSIGNOR agrees to execute continuing, divisional, continuation-in-part, applications claiming priority thereto, includir assignments in connection with such application	reissue or reexamination applicates	ations thereof and any other		
	The ASSIGNOR agrees to execute litigation, or other legal proceeding which ma divisional, continuation-in-part, reissue or ree thereon, and any other applications claiming pr to cooperate with the ASSIGNEE in every way with such interference, litigation, or other legal	y be declared concerning this apparamentation thereof or Letters Patiently thereto, including future investible in obtaining and produce	plication or any continuation, atent or reissue patent issued		
	IN WITNESS WHEREOF, the unders	igned inventor(s) has (have) affix:	ed his/her/their signature(s)		
[Signature(s) of Assignor(s)]		Guido DRÖGE			
	(SIGNATURE)	(TYPE NAME)	(DATE)		
		Niklas LINKEWITSCI			
Part of the second	(SIGNATURE)	(TYPE NAME)			
		(TITE NAME)	(DATE)		
		Charles Joseph DEDIO			
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	w.				
	I Dedie	Ian Juso DEDIC	17 PEC 2018		
	(SIGNATURE)	(TYPE NAME)	(DATE)		

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(DATE)

RECORDED: 01/10/2019