

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TAKU HIRAMATSU	01/11/2019
SHIGEAKI KAWAI	01/04/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SOCIONEXT INC.
<b>Street Address:</b>	2-10-23 SHIN-YOKOHAMA, KOHOKU-KU
<b>City:</b>	YOKOHAMA-SHI, KANAGAWA
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	222-0033
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17114284
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(202)857-6395
<i>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.</i>	
<b>Phone:</b>	2028576000
<b>Email:</b>	latoyia.oliver@arentfox.com, patentdocket@arentfox.com
<b>Correspondent Name:</b>	ARENT FOX LLP
<b>Address Line 1:</b>	1717 K STREET NW
<b>Address Line 4:</b>	WASHINGTON, D.C. 20006
<b>ATTORNEY DOCKET NUMBER:</b>	108390.00303
<b>NAME OF SUBMITTER:</b>	LATOYIA OLIVER
<b>SIGNATURE:</b>	/LaToyia Oliver/
<b>DATE SIGNED:</b>	12/09/2020
<b>Total Attachments: 1</b>	
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Docket No. 108390.00291

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

**Socionext Inc.**  
**2-10-23 Shin-Yokohama, Kohoku-ku**  
**Yokohama-shi, Kanagawa**  
**222-0033 JAPAN**

## SIGNAL OUTPUT CIRCUIT, TRANSMISSION CIRCUIT AND INTEGRATED CIRCUIT

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

filed on January 23, 2019 Serial No. 16/255388

and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute, reissue or reexamination thereof, and any other application claiming priority thereto, 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, 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 execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon 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).

Taku Hiramatsu (SIGNATURE)	Taku HIRAMATSU (TYPE NAME)	Jan. 11th 2019 (DATE)
Shigeaki Kawai (SIGNATURE)	Shigeaki KAWAI (TYPE NAME)	Jan. 4th 2019 (DATE)
 (SIGNATURE)	 (TYPE NAME)	 (DATE)
 (SIGNATURE)	 (TYPE NAME)	 (DATE)

PATENT  
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