505118073 09/28/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5164834

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HISATOSHI SAITO	04/11/2017
MASAYUKI SUZUKI	04/11/2017
MITSUHIRO KAWATA	04/11/2017
JUNICHI ITO	04/11/2017

RECEIVING PARTY DATA

Name:	OKI DATA CORPORATION
Street Address:	11-22 SHIBAURA 4-CHOME, MINATO-KU
City:	TOKYO
State/Country:	JAPAN

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	29664942

CORRESPONDENCE DATA

Fax Number:

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: 212-708-1800

Email: ostanford@ladas.com
Correspondent Name: LADAS & PARRY LLP

Address Line 1: 1040 AVENUE OF THE AMERICAS
Address Line 4: NEW YORK, NEW YORK 10018-3738

ATTORNEY DOCKET NUMBER:	UD 053196-2
NAME OF SUBMITTER:	RAYMOND A. DIPERNA
SIGNATURE:	/Raymond A. DiPerna/
DATE SIGNED:	09/28/2018

Total Attachments: 3

source=0531962asg#page1.tif source=0531962asg#page2.tif source=0531962asg#page3.tif

> PATENT REEL: 047008 FRAME: 0494

505118073

	For: [x] U.S. and/or [] Foreign Rights For: [] U.S. Application or
	By: Multiple Inventors
ASSIGNMENT OF INVENT	TION (MULTIPLE INVENTORS)
In consideration of the payment by ASSIGN the receipt of which is hereby acknowledged, as	EE to ASSIGNOR of the sum of One Dollar (\$1.00 nd for other good and valuable consideration,
ASSIGNORS (Inventors):	
Hisatoshi SAITO	c/o Oki Data Corporation
(type or print name of inventors)	11-22 Shibaura 4-chome
	Minato-ku, Tokyo, Japan
	Address
	Japanese
	Nationality
Masayuki SUZUKI	c/o Oki Data Corporation
	11-22 Shibaura 4-chome
	Minato-ku, Tokyo, Japan
	Address
	Japanese
	Nationality
Mitsuhiro KAWATA	c/o Oki Data Corporation
	11-22 Shibaura 4-chome
	Minato-ku, Tokyo, Japan
	Address
	Japanese
	Nationality
Junichi ITO	c/o Oki Data Corporation
	11-22 Shibaura 4-chome
	Minato-ku, Tokyo, Japan
	Address
	Japanese
	Nationality

Practitioner's Docket No. UD 053080-1

(Assignment of Invention-Multiple Inventors-page 1 of 3) 16-3.2

PATENT

Added page	e(s) for s	ignature	by subsequ	ent invento	rs. Number	of pages a	ıdded	
	(if ass	ignment is	s by person or and this was re	entity to who corded in PT	u invention wa), add the folid	s previously wing)	assigned	
Recorded	on		'. *****	Reel Fram	e			•
hereby sells, a ASSIGNEE	ssigns ar	d transf	ers to		•			
OKI DATA C	ORPOR.	ATION	_	11-22	Shibaura 4-	chome		
(type or print nan				Addres	8			
Japanese				Minat	o-ku, Tokyo	. Janan		
Nationality			···	ALALAAN	<u> </u>			***************************************
and the suc	cessors,	assigns :	and legal rep	presentative	es of the AS	SIGNEE	,	
			(com	lete one of th	e following)			
[x] [] for the United	an undi States ar and in a	vided _ id its ter <i>(oheck ih</i> ill foreig	ritorial poss <i>e following bo</i> yn countries,	rcent (essions x, if foreign r including	%) right, ights are also to all rights to	o be assign	ed)	to any and all
TONER CA			which are di	sclosed in t	lie inventior	entitled:		
	•••••							
Name of inv	ventor(s)	Hi	satoshi SAI'	ro m	asayuki SU	ZUKI	Mitsuhiro	KAWATA
Junichi ITO							***************************************	
		6	check and com	plete (a), (b),	(c). (d). (e). (f)	or (g))		
and which is f (a) (b) (c) (d) (e) (f)	[] [] [] [] [] [] [] [] [] []	Not yet Not yet Not yet above-e [] U.S. pa filed or Interna U.S. pa	ifiled U.S. partitled U.S. partitled U.S. partitled U.S. partitled investigation of the comply ASSIGNO to insert be become known them for provental applicational application.	patent appli provisional ntion with 37 C. R signing to slow the fili own. isional pate 17 pation no. F	F.R. 3.21 for selow, herebying date and ent application of CT/issued	ated on naming the recordal y authorizapplication no. 29/	e above involve and require and require number v	ignment, I, an est my attorney when they
		[]			o which eon es is being s			sent regarding

(Assignment of Invention-Multiple Inventors-page 2 of 3) 16-3.2

PATENT REEL: 047008 FRAME: 0496 (also check (g), if foreign application(s) is also being assigned)

(g) and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavlts required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to earry out the purposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

Hisatoshi SAITO	Hiparochi daito	2017 - 4-11
(type name of Assignor)	Signature of ASSIGNOR	this date of signing
Masayuki SUZUKI (type name of Assignor)	Masayuki Luzuki Signature of ASSIGNOR	2017-4-11 date of signing
Mitsuhiro KAWATA (type name of Assignor)	<u>Mitsuhiro Kawata</u> Signature of ASSIGNOR	2017-4-11 this date of signing
Junichi ITO (type name of Assignor)	<u>Junichi Ito</u> Signature of ASSIGNOR	2.17-4-11 this date of signing
(type name of Assignor)	Signature of ASSIGNOR	this date of signing
(if ASSIGNOR is a legal o	unity, complete the following information)	
	(type or print the name of the authorized to sign on bohal	ne above person f of ASSIGNOR)

NOTE:

No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized then it will only be prima facle evidence of execution. 35 USC 261. Use next page if notarization is desired.

Title

[] Notarization or Legalization Page Added.

(Assignment of Invention-Multiple Inventors-page 3 of 3) 16-3.2