502264999 03/13/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Tatsuo KUMANO	03/06/2013
Yasuo NOGUCHI	03/04/2013
Munenori MAEDA	03/06/2013
Masahisa TAMURA	02/28/2013
Ken IIZAWA	03/01/2013
Toshihiro OZAWA	03/05/2013
Jun KATO	03/04/2013
Kazuichi OE	02/27/2013
Kazutaka OGIHARA	02/22/2013

RECEIVING PARTY DATA

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Street Address:	1-1, Kamikodanaka 4-chome, Nakahara-ku	
City:	Kawasaki-shi, Kanagawa	
State/Country:	JAPAN	
Postal Code:	211-8588	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13798303

CORRESPONDENCE DATA

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PATENT

REEL: 029980 FRAME: 0895

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ATTORNEY DOCKET NUMBER:	11-52653
NAME OF SUBMITTER:	Tiep H Nguyen
Total Attachments: 10 source=11-52653_ASN_00#page1.tif source=11-52653_ASN_00#page2.tif source=11-52653_ASN_00#page3.tif source=11-52653_ASN_00#page4.tif source=11-52653_ASN_00#page5.tif source=11-52653_ASN_00#page6.tif source=11-52653_ASN_00#page7.tif source=11-52653_ASN_00#page8.tif source=11-52653_ASN_00#page9.tif source=11-52653_ASN_00#page9.tif source=11-52653_ASN_00#page10.tif	

PATENT REEL: 029980 FRAME: 0896

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undersigned inventor(s) (hereinafi (Insert Name(s) & Address(es) of		
FUJITSU LIMITED	Shall by Manager	0.22 0.200
1-1, Kamikodanaka 4-ch	ome, Nakahara-ku, Kawasaki-shi,	Kanagawa 211-8568 Japan
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NODE APPARATUS OF M	RULTI-NODE STORAGE SYSTEM A	and method for managing
FROCESSING SPEED		***************************************
of the United States was executed	plication PCT/JP/and/o 1 on even date herewith or, if not so exec	uted, was:
(a) executed on	concurrent)	execution of application, if not
(b) filed on March 13,	2013	
Serial No. 13 / 798 , 303	Assignee's a insert in (b) the	ttomey is hereby suthorized to specified data, when known.
confinuation, division, renewal, su	ters Patent(s) of the United States grante bstitute, reissue or reexamination applice atent(s) may be granted and including an id Letters Patent(s)").	tion based thereon, for the full term or
ASSIGNEE, to do all acts which it maintaining and enforcing protecti application(s) and the issuance of proceeding, and in any litigation or acts to include but not be limited to	in requested by said ASSIGNEE and with ne ASSIGNEE may deem necessary, destion for said invention, including in the pre- said Letters Patent(s), in any Interference r other legal proceeding which may arise executing all papers, including separate in timony, and obtaining and producing evidence.	irable or expedient, for securing, paration and prosecution of said e, reissue, reexamination, or public use or be declared in relation to same, such assignments and declarations, taking at
IN WITNESS WHEREOF, the	undersigned inventor(s) has (have) affixe	d his/her/their signature(s).
1) Tatsus KUMANO	Tatsuo KUMANO	2013-03-06 (Date)
1) Tatius KUMANO (Signature)	(Type Name)	(Date)
2)	Yasuo NOGUCHI	
(Signature)	(Type Name)	(Date)
新田宗即	Munenori MAEDA	2012-02-06
(Signature)	(Type Name)	(Dale)
\$)	Masahisa TAMURA	
(Signature)	(Type Name)	(Date)
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5)	Ken IIZAWA	Ken IIZAWA	3-1-2013
-	(Signature)	(Type Name)	(Date)
6)		Toshihiro OZAWA	
-	(Signature)	(Type Name)	(Date)
7)		Jun KATO	•
	(Signature)	(Type Name)	(Date)
8)		Kazuichi OE	
	(Signature)	(Type Name)	(Date)
9)		Kazutaka OGIHARA	
	(Signaturė)	(Type Name)	(Date)

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 Name(s) & Address(es) of ASSIGNEE(S))

	FUJITSU LIMITED	i Nalasa (a.	V	V
	1-1, Kamikodanaka 4-chom	e, Nakanara-ku,	Kawasaki-sni,	Kanagawa 211-8588 Japan
235	reinafter, "ASSIGNEE"), the receip igns and transfers to ASSIGNEE t le of Invention)	ot of which is hereby the entire and exclus	acknowledged, th sive right, title and	e undersigned ASSIGNOR hereby sells interest to the invention entitled
		TI-NODE STORA	AGE SYSTEM A	AND METHOD FOR MANAGING
-	PROCESSING SPEED			
rela of ti	iting to International Patent Applica he United States was executed on	ation PCT/JP/ even date herewith	or, if not so exect	r for which application for Letters Patent uted, was:
) executed on	;	(Insert date of e	xecution of application, if not
(b)	Serial No. 13/798,308			ttorney is hereby authorized to specified data, when known.
con tern here ASS mai app proce	ns for which the said Letters Pater einafter, "said application(s) and Land East Signor agree(s), when re Signee, to do all acts which the Antaining and enforcing protection lication(s) and the issuance of said eeding, and in any litigation or other.	tute, reissue or reex nt(s) may be granted etters Patent(s)"). equested by said AS: ASSIGNEE may deer for said invention, ind d Letters Patent(s), in her legal proceeding ecuting all papers, in	amination application and including and street and with mecessary, descluding in the prepin any interference which may arise coluding separate a	tion based thereon, for the full term or y extensions thereof (collectively, out charge to but at the expense of said irable or expedient, for securing, paration and prosecution of said e, reissue, reexamination, or public use or be declared in relation to same, such assignments and declarations, taking all
I	N WITNESS WHEREOF, the und	ersigned inventor(s)	has (have) affixe	d his/her/their signature(s).
1)		Tatsuo K	UMANO	
_	(Signature)	(Type N	ame)	(Date)
2)	野口 奉生	Yasuo No	OGUCHI	March 4, 2013
-	(Signature)	(Type N	ame)	(Date)
3)		Munenori	MAEDA	
-	(Signature)	(Type N	ame)	(Date)
4)		Masahisa	TAMURA	
_	(Signature)	· (Type N	ame)	(Date)

5)		Ken IIZAWA	
	(Signature)	(Type Name)	(Date)
6)	Joshihiro Ozwa) (Signature)	Toshihiro OZAWA	2013/03/05
	(Signature)	(Type Name)	(Date)
7)		Jun KATO	
•	(Signature)	(Type Name)	(Date)
8)		Kazuichi OE	
•	(Signature) ———	(Type Name)	(Date)
9)		Kazutaka OGIHARA	
•	(Signature)	(Type Name)	(Date)

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FUJITSU LIMITED		
1-1, Kamikodanaka 4-chom	ne, Nakahara-ku, Kawasaki-shi,	Kanagawa 211-8588 Japan
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	of which is hereby acknowledged, the line entire and exclusive right, title and	e undersigned ASSIGNOR hereby sells interest to the invention entitled
(Title of Invention)		
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(a) executed on	; (Insert date of e concurrent)	xecution of application, if not
(b) filed on March 13, 20		
Serial No. <u>13, 798, 308</u>		ttorney is hereby authorized to specified data, when known.
terms for which the said Letters Paten nereinafter, "said application(s) and Letter Paten The ASSIGNOR agree(s), when re ASSIGNEE, to do all acts which the Amaintaining and enforcing protection fapplication(s) and the issuance of said proceeding, and in any litigation or other acts to include but not be limited to exempt the content of the content of the limited to exempt the content of the limited to exempt the limited the limited to exempt the limited to exempt the limited the limi	nt(s) may be granted and including any etters Patent(s)"). equested by said ASSIGNEE and with a SSIGNEE may deem necessary, des for said invention, including in the preparate of the proceeding which may arise of the equation of the proceeding which may arise of the equation of the proceeding which may arise of the equation of the proceeding which may arise of the equation of the proceeding which may arise of the equation of the proceeding which may arise of the equation of the proceeding which may arise of the equation of the proceeding which may arise of the equation of the equatio	out charge to but at the expense of said irable or expedient, for securing, paration and prosecution of said e, reissue, reexamination, or public use or be declared in relation to same, such assignments and declarations, taking all ence.
IN WITNESS WHEREOF, the unde	ersigned inventor(s) has (have) affixed	d his/her/their signature(s).
f)	Tatsuo KUMANO	
(Signature)	(Type Name)	(Date)
2)	Yasuo NOGUCHI	
(Signature)	(Type Name)	(Date)
3)	Munenori MAEDA	
(Signature)	(Type Name)	(Date)
1) 田村 雅科	Masahisa TAMURA	2013/02/28
(Signature)	(Type Name)	(Date)

5)	Ken IIZAWA				
•	(Signature)	(Турв Name)	(Date)		
6)		Toshihiro OZAWA			
_	(Signature)	(Typs Name)	(Date)		
7)	Jun KATO	Jun KATO	Mar. 9, 2013		
	(Signature)	(Type Name)	(Date)		
8)		Kazuichi OE	:		
	(Signature)	(Type Name)	(Date)		
9)		Kazutaka OGIHARA			
_	(Signature)	(Type Name)	(Date)		

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 Name(s) & Address(es) of ASSIGNEE(S))

	JUITSU LIMITED 1, Kamikodanaka 4-chome	, Nakahara-ku,	Kawasaki-shi, Kan	agawa 211-8588 Japan
	after, "ASSIGNEE"), the receipt and transfers to ASSIGNEE th			ersigned ASSIGNOR hereby sell
	and transfers to ASSIGNEE th [Invention]	e entire and exclus	ave right, title and intere	ist to the invention entitled
	DE APPARATUS OF MULT OCESSING SPEED	'I-NODE STORA	AGE SYSTEM AND M	ETHOD FOR MANAGING
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	to International Patent Application in the States was executed on e			hich application for Letters Pater vas:
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	ed on <u>March 13, 201</u> erial No. <u>13/798,308</u>		Assignee's attome insert in (b) the specii	y is hereby authorized toied data, when known.
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IN W	ITNESS WHEREOF, the under	rsigned inventor(s)	has (have) affixed his/i	ner/their signature(s).
1)		Tatsuo K	UMANO	
·	(Signature)	(Type N		(Date)
2)		Yasuo N	OGUCHI	
·	(Signature)	(Type N		(Date)
3)		Munenori	MAEDA	· ·
	(Signature)	(Type N	<u> </u>	(Date)
1)	, - ,	Masahisa	•	
·,	(Signature)	(Type N	<u> </u>	(Date)
	·			•

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5)	•	Ken IIZAWA	•
	(Signature)	(Type Name)	(Date)
6)		Toshihiro OZAWA	•
	(Signature)	(Type Name)	(Dale)
7)		Jun KATO	
	(Signature)	(Type Name)	(Date)
8)	大江和一	Kazuichi OE	2913-02-27
	(Signature)	(Type Name)	(Date)
9)		Kazutaka OGIHARA	
*****	(Signature)	(Type Name)	(Date)

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FL	JJITSU LIMITED			
1-	1, Kamikodanaka 4-choi	me, Nakahara-ku,	Kawasaki-shi, Kanag	jawa 211-8588 Japan
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assigns	after, "ASSIGNEE"), the rece and transfers to ASSIGNEE Invention)	ipt of which is hereby the entire and exclus	acknowledged, the under live right, title and interest	signed ASSIGNOR hereby sell to the invention entitled
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•	ITNESS WHEREOF, the un			r/their signature(s).
1)	•	Tatsuo K	UMANO	
	(Signature)	(Type N		(Date)
2)	•	Yasuo N	OGUCHI	,
	(Signature)	(Type N	ame)	(Date)
3) -		Munenori	MAEDA	
	(Signature)	(Type N	ame)	(Date)
()		Masahisa	TAMURA	
******	(Signature)	(Type N	ame)	(Date)
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5)		Ken IIZAWA	
-	(Signature)	(Type Name)	(Date)
6)		Toshihiro OZAWA	
, -	(Signature)	(Type Name)	(Date)
7)		Jun KATO	
_	(Signature)	(Туре Name)	(Date)
8)	•	Kazuichi OE	
_	(Signature)	(Type Name)	(Date)
9)	なしーで	Kazutaka OGIHARA	2013-Feb-22
-	/ Signature)	(Type Name)	(Date)