	OIPE
FORM PTO-1595 (Rev. 6-93) S&H 1/99	APR 1 7 2001
To the Honorab	le commissioner of davents
	PADEMARK

05-10-2001 101712423

ΞT	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
ninal documents	s or copy thereof

		<u></u>	
1.	Name of	conveying	party(ies):

1.	Name of conveying party(ies):
	1) Yoshihiro TSUCHIYA 2) Yoshitake SHINKAI
2.	Name and address of receiving party(ies): FUJITSU LIMITED 1-1, Kamikodanaka 4-chome, Nakahara-ku Kawasaki, Kanagawa 211-8588 JAPAN
3.	Nature of conveyance:
	Assignment Merger Security Agreement Change of Name  X Other: Correction of Error - Reel 011422/Frame 0734
	Execution Date(s): December 12, 2000
4.	Application number(s) or patent number(s):
	This document is being filed together with a new application:  (a) The execution date(s) of the application is/are:  (b) The title is:  *** OR ***  This document is being filed after filing of the application:  (a) Patent Application No(s). 09/752,467, filed January 3, 2001; or
	(b) Patent No(s), issued
5.	Name and address of party to whom correspondence concerning document should be mailed:
	STAAS & HALSEY LLP Our Docket: 826.1661 Attention: James D. Halsey, Jr. 700 Eleventh Street, N.W., Suite 500 Washington, D.C. 20001
6.	Total number of applications and patents involved:1_
7.	Total fee (37 CFR 3.41) \$ 40.00
	<ul><li>X Enclosed</li><li>Authorized to be charged to deposit account.</li></ul>
8.	Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account) (Attach duplicate copy of this page if paying by deposit account)
9.	Statement and signature.  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.
	James D. Halsey, Jr., Reg. No. 22,729 Name of Person Signing Signature Date
	Total number of pages including cover sheet: 4
ē.	DO NOT USE THIS SPACE

**PATENT REEL: 011773 FRAME: 0734** 

FORM (Rev. 6-	PTO-1595 WWO	F	01-17	2001	U.S. DEPARTMENT OF COMM Patent and Trademark	MERCE k Office
S&H 1/	1, 2.	01			Total and Hagemen	N OINICE
To th	e Honorable Commissioner	of Patents and T	10158	4715	cuments or copy thereof.	
1.	Name of conveying	party(ies):	018			
	1) Yoshihiro T		2 40	\		0
	2) Yoshitake S	SHINKAI	7200	(1) (1)		S. PT
2.	Name and address	of receiving part	ty(ies FOEMARK OFFICE	,		752
	FUJITSU LIMITED 1-1, Kamikodanaka Kawasaki, 211-8588		hara-ku			09/
3.	Sec	ce: signment curity Agreemen ier:		Merger Change of Name	е	
	Execution Date(s):	December 12, 2	2000	06.1	<b></b>	
4.	Application number(	(s) or patent nun	nber(s):	09/	752467	
		on date(s) of the	application is/are:	December 12, 200	00 K SHARED FILE SYSTEM	
	This document is be		ng of the application /, filed sued		or	
5.	Name and address	of party to whom	n correspondence co	ncerning docume	nt should be mailed:	
	700 Elevent	ALSEY LLP ames D. Halsey h Street, N.W., S , D.C. 20001		Our Docket: 826	5.1661	
6.	Total number of app	lications and pa	tents involved:1_	_		
7.	Total fee (37 CFR 3	.41)	. \$ 40.00			
		losed horized to be ch	arged to deposit acc	ount.		
8.	Deposit Account No (Attach duplicate cop	.: 19-3935 (An py of this page if	y underpayment is a f paying by deposit a	authorized to be checount)	narged to this Deposit Account)	
9.	Statement and signa To the best of my kn true copy of the origin	owledge and be	elief, the foregoing in	formation is true a	and correct and any attached copy is	s a
	James D. Halsey, Jr Name of Perso		29	Signature	January 3, 2001 Date	
<u> </u>	RECRE, 00000377 99752	<del></del>	DO NOT USE THU		ber of pages including cover sheet:	2
		40.00 DP	DO NOT USE THIS	. SI ACE		

PATENT REEL: 011773 FRAME: 0735

(11		e/asi he A		,,							•
	nsert Name(s) <b>&amp; Addres</b> FUJITSU LIMI	1	SSIGIVEEIS	,,							
	1-1, Kamikoda	anaka	4-chome	, Nak	ahara-	-ku,	Kawa	saki-sh	ni,	Kanagawa	211-8588
-	Tanan				***						
	Japan							<u> </u>		•	
_											
	reinafter, "ASSIGNEE") transfers to ASSIGNE										by sells, assig
(Tit	le of Invention)										
	BACKUP SYSTEM	M AND	METHOD '	THERE	OF IN	DIS	K SHAI	RED FII	ES	YSTEM	
elat State	ing to International Pate es was executed on ev	ent Applic ren date h	ation PCT/J erewith or,	P/ if not so	o execute	and/o	or for whi	ich applica	tion fo	or Letters Pate	int of the Unit
(a)	executed on	•		;	(Insert d	date o	f execut	ion of appi	licatio	n, if not cond	current)
		:								····	
(b)	filed on	<del> </del>		<b>,</b>						HALSEY, 700 01 (202/434-	
	Serial No/	<del></del>	<b>_;</b>		hereby .	autho				specified date	
		:		I	known.	-		······································		·	
aten	o said application and a val, substitute, reissue it(s) may be granted a it(s)").	or reexan	nination app	lication	ed States based the	grant ereon,	ed on sa for the	id applicat	ion an	ns for which t	ration, divisio
aten aten T) o do roten aten hich	val, substitute, reissue  it(s) may be granted a  it(s)").  ne ASSIGNOR agree(s),  all acts which the AS  ction for said invention,  it(s), in any interference  may arise or be declar  ate assignments and d	or reexam and includ when req SIGNEE n including a, reissue, red in relat	nination apping any exturested by a may deem n in the prepared to the same to	lication ensions aid ASS ecessar ration a on, or p	ed States based the thereof GIGNEE and y, desiral and prosecublic use acts to in	grant ereon, (collect ad with ble or cution proce	ed on sa for the ctively, l nout cha expedie of said a reding, a but not	id applicati full term o nereinafter rge to but a nt, for sec pplication( nd in any li be limited	ion and the tring, "said the curing, s) and tigatic to exe	ns for which t d application( expense of s: , maintaining I the issuance on or other le	nation, division he said Letter and ASSIGNER and enforcing of said Letter gal proceeding pers, including
aten T) o do rote aten hich spara	val, substitute, reissue at(s) may be granted a at(s)").  The ASSIGNOR agree(s), all acts which the ASCICION for said invention, t(s), in any interference may arise or be declarate assignments and dince.  WITNESS WHEREOF,	or reexamend included when required including a reissue, red in related accordance the understanding the understanding and including a reissue, red in related accordance and included accordance accordance and included acco	nination apping any exturested by a nay deem n in the prepareexamination to same s, taking al	lication ensions aid ASS ecessar ration a on, or p o, such a	ed States based the thereof IGNEE and y, desiral nd prosecublic use acts to in il oaths, p	grant ereon, (collect ad with ble or cution proce clude provid	ted on sa , for the ctively, ! nout cha expedie of said a leding, a but not ing swo	id applicati full term of nereinafter of the but a not for sec polication of in any lib be limited of testimol	ion and term , "said the curing, s) and tigatic to exemp, ar	expense of sa expense of sa , maintaining if the issuance on or other lea ecuting all pay and obtaining a	nation, division he said Letter and ASSIGNER and enforcing of said Letter gal proceeding pers, including
ater ater Ti do rote aten hich apara ider	val, substitute, reissue it(s) may be granted a it(s)").  ne ASSIGNOR agree(s), all acts which the AS ction for said invention, it(s), in any interference may arise or be declar ate assignments and d ince.  WITNESS WHEREOF, Typed Name & Signatur	or reexamend included, when required including a, reissue, red in relation the understree of investigation of investigation in reaction in	nination apping any exturested by a nay deem n in the prepareexamination to same a, taking all signed invertor(s))	lication ensions aid ASS ecessar ration a on, or p o, such a rightfu	ed States based the thereof GIGNEE an y, desiral nd prosec ublic use acts to in il oaths, p has (have)	grant ereon, (collect d with ble or cution proce clude provid	ted on sa for the ctively, I nout cha expedie of said a leding, a but not ing swo	id application of the following of the form of the following of the follow	ion and the state of the state	expense of sa expense of sa , maintaining if the issuance on or other lea ecuting all pay and obtaining a	nation, division he said Lette and ASSIGNE and enforcing of said Letter gal proceedingers, including and producing
ater ater Ti do rote aten hich apara ider	val, substitute, reissue it(s) may be granted a it(s)").  ne ASSIGNOR agree(s), all acts which the AS ction for said invention, it(s), in any interference may arise or be declar ate assignments and d ince.  WITNESS WHEREOF, Typed Name & Signatur	or reexamend included, when required including a, reissue, red in relation the understree of investigation of investigation in reaction in	nination apping any exturested by a nay deem n in the prepareexamination to same a, taking all signed invernator(s))	lication ensions aid ASS ecessar ration a on, or p o, such a rightfu	ed States based the thereof GIGNEE an y, desiral nd prosec ublic use acts to in il oaths, p has (have)	grant ereon, (collect d with ble or cution proce clude provid	ted on sa for the ctively, I nout cha expedie of said a leding, a but not ing swo	id application of the following of the form of the following of the follow	ion and the state of the state	expense of signification ( expense of significat	ation, division he said Letter and ASSIGNER and enforcing of said Letter gal proceeding pers, including and producing
ater ater Ti do rote aten hich apara ider	val, substitute, reissue at(s) may be granted a at(s)").  The ASSIGNOR agree(s), all acts which the ASCICION for said invention, t(s), in any interference may arise or be declarate assignments and dince.  WITNESS WHEREOF,	or reexamend included, when required including a, reissue, red in relation the understree of investigation of investigation in reaction in	nination apping any exturested by a nay deem n in the prepareexamination to same a, taking all signed invernator(s))	lication ensions aid ASS ecessar ration a on, or p o, such a rightfu	ed States based the thereof GIGNEE an y, desiral nd prosec ublic use acts to in il oaths, p has (have)	grant ereon, (collect d with ble or cution proce clude provid	ted on sa for the ctively, I nout cha expedie of said a leding, a but not ing swo	id application of the following of the form of the following of the follow	ion and the string, so and tigation exemples and the string, and tigation exemples are to exemple are to exempl	expense of signification ( expense of significat	nation, division he said Lette and ASSIGNE and enforcing of said Letter gal proceedingers, including and producing
ater T) O do rotect aten hich spars vider	val, substitute, reissue it(s) may be granted a it(s)").  The ASSIGNOR agree(s), all acts which the AS ction for said invention, it(s), in any interference in may arise or be declar ate assignments and d ince.  WITNESS WHEREOF, Typed Name & Signatur  Yoshihiro	or reexamend including signature including street, relation relation the understreet of investors.	uested by a nay deem in the prepared in the same staking all signed invertor(s).	aid ASS ecessar ration a on, or p , such a rightfu	ed States based the thereof signEE and prosecublic use acts to in a cath, pass (have)	egrant ereon, (collect ded with ble or cution proce clude provid	ned on sa for the ctively, ! nout cha expedie of said a leding, a but not ing swo	id application of the following of the form of the following of the follow	ion and the string, so and tigation exemples and the string, and tigation exemples are to exemple are to exempl	expense of signification ( expense of significat	ation, division he said Letter and ASSIGNER and enforcing of said Letter gal proceeding pers, including and producing
ater  T) o do otecten hich para ider	val, substitute, reissue it(s) may be granted a it(s)").  The ASSIGNOR agree(s), all acts which the AS ction for said invention, it(s), in any interference in may arise or be declar ate assignments and d ince.  WITNESS WHEREOF, Typed Name & Signatur  Yoshihiro	or reexamend including signature including street, relation relation the understreet of investors.	uested by a nay deem in the prepared in the same staking all signed invertor(s).	aid ASS ecessar ration a on, or p , such a rightfu	ed States based the thereof signEE and prosecublic use acts to in a cath, pass (have)	egrant ereon, (collect ded with ble or cution proce clude provid	ned on sa for the ctively, ! nout cha expedie of said a leding, a but not ing swo	id application full term of the for second in any line in testimon of the form	ion and term, "said the suring, s) and tigation exemp, and the suring, and the suring to exemp, and the suring term of the suri	expense of signification ( expense of significat	ation, division he said Letter and ASSIGNEE and enforcing of said Letter gal proceeding pers, including and producing
ater  T) o do otecten hich para ider	val, substitute, reissue it(s) may be granted a it(s)").  ne ASSIGNOR agree(s), all acts which the AS ction for said invention, it(s), in any interference may arise or be declar ate assignments and d ince.  WITNESS WHEREOF, Typed Name & Signatur	or reexamend including signature including street, relation relation the understreet of investors.	uested by a nay deem in the prepared in the same staking all signed invertor(s).	aid ASS ecessar ration a on, or p , such a rightfu	ed States based the thereof signEE and prosecublic use acts to in a cath, pass (have)	egrant ereon, (collect ded with ble or cution proce clude provid	ned on sa for the ctively, ! nout cha expedie of said a leding, a but not ing swo	id application of the following of the form of the following of the follow	ion and term, "said the suring, s) and tigation exemp, and the suring, and the suring to exemp, and the suring term of the suri	expense of signification ( expense of significat	ation, division he said Letter and ASSIGNER and enforcing of said Letter gal proceeding pers, including and producing
ater T) o do rote aten hich spars vider	val, substitute, reissue it(s) may be granted a it(s)").  The ASSIGNOR agree(s), all acts which the AS ction for said invention, it(s), in any interference in may arise or be declar ate assignments and d ince.  WITNESS WHEREOF, Typed Name & Signatur  Yoshihiro	or reexamind including when required in relation the understand the understand TSUCH	uested by say deem no in the prepared inversion to same signed in same signed in same signed in same signed inversion to	aid ASS ecessar ration a on, or p , such a rightfu	ed States based the thereof signEE and prosecublic use acts to in a cath, pass (have)	egrant ereon, (collect ded with ble or cution proce clude provid	ned on sa for the ctively, ! nout cha expedie of said a leding, a but not ing swo	id application full term of the for second in any line in testimon of the form	ion and term, "said the suring, s) and tigation exemp, and the suring, and the suring to exemp, and the suring term of the suri	expense of signification ( expense of significat	ation, division he said Letter and ASSIGNER and enforcing of said Letter gal proceeding pers, including and producing
ater ater T) do rotec aten hich apara ider	val, substitute, reissue at(s) may be granted a at(s)").  The ASSIGNOR agree(s), all acts which the ASCION for said invention, and arise or be declarate assignments and disce.  WITNESS WHEREOF, Typed Name & Signatury Yoshihiro  Voshitake  Yoshitake	or reexamind including when required in relation the understand the understand TSUCH	uested by say deem no in the prepared inversion to same signed in same signed in same signed in same signed inversion to	aid ASS ecessar ration a on, or p , such a rightfu	ed States based the thereof signEE and prosecublic use acts to in a cath, pass (have)	egrant ereon, (collect ded with ble or cution proce clude provid	ned on sa for the ctively, ! nout cha expedie of said a leding, a but not ing swo	id application full term of the for second in any line in testimon of the form	ion and term, "said the suring, s) and tigation exemp, and the suring, and the suring to exemp, and the suring term of the suri	expense of signification ( expense of significat	ation, division he said Letter and ASSIGNEE and enforcing of said Letter gal proceeding pers, including and producing

PATENT REEL: 011773 FRAME: 0736

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 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan (hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled (Title of Invention) BACKUP SYSTEM AND METHOD THEREOF IN DISK SHARED FILE SYSTEM relating to International Patent Application PCT/JP / and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was: executed on (Insert date of execution of application, if not concurrent) filed on Any registered attorney of STAAS & HALSEY, 700 Eleventh Street, N.W., Washington, D.C. 20001 (202/434-1500) is hereby authorized to insert in (b) the specified data, when and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)"). The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence. IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s). (Typed Name & Signature of Inventor(s)) (Date) (Typed Name & Signature of Witness(es)) Joshihiro Tsuchiya Dec. 12, 2000 Mironi I.
Yoshihiro Tsuchiya Dec. 12, 2000 Hiromi I. Ynshitake Schinker Dec. 12, 2000

> PATENT REEL: 011773 FRAME: 0737

RECORDED: 04/17/2001