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(1) Bintatsu NODA (2) Soutch OKADA (3) Takeshi YOSHIOKA (4) Masshiko TAKENAKA 2. Name and Address of receiving party: FUJITSU LIMITED 1-1, Kamikodanaka 4-chome Nakahara-ku, Kawasaki-shi Kanagawa 211-8588 Japan 3. Nature of conveyance: X Assignment Other: Merger Security Agreement Change of Name Other: Other: Yang down and the second and							
(2) Souichi (XADA (3) Takashi YOSHIOKA (4) Masahiko TAKENAKA (2) Name and Address of receiving party: FUJITSU LIMITED 1-1, Kamikodanaka 4-chome Nakhara-ku, Kawasaki-shi Kanagawa 211-8588 Japan 3. Nature of conveyance: X Assignment Breeding of Name Other: Execution Dates: (1) October 24, 2006, (2) October 25, 2006, (3) October 24, 2008 and (4) October 24, 2006 4. 4. Application number(s) or patent number(s): This document is being filed after filing of the application. (a) This document is being filed after filing of the application. (b) Patent No(s) issued. 5. 7. Total number of application sand patents involved:	1.	Name of conveying parties.					
 Name and Address of receiving party: FUJITSU LIMITED 1-1, Kamikodanaka 4-chome Nakahara-ku, Kawasaki-shi Kanagawa 211-8588 Japan Nature of conveyance: X Assignment Br. H: JULU Nature of conveyance: Merger Security Agreement Change of Name Other 24, 2006 (2) October 25, 2006, (3) October 24, 2006 and (4) October 24, 2006 Application number(s) or patent number(s): This document is being filed after filing of the application. OR This document is being filed after filing of the application: (a) Patent Noplication No(s): <u>11/543, 313, 116</u> October 5, 2006; or (b) Patent No(s)., issued. Name and address of party to whom correspondence concerning document should be mailed: STAAS & HALSEY LLP Our Docket: <u>1095, 1402</u> Name and address of party to whom correspondence concerning document should be mailed: STAAS & HALSEY LLP Our Docket: <u>1095, 1402</u> Name and address of party to whom correspondence concerning document should be mailed: STAAS & HALSEY LLP Our Docket: <u>1095, 1402</u> New York Xve., N.W., Th Floor Washington, D. C. 20005 Total number of applications and patents involved: <u>1</u> Total recessary. 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) William F. Herbert, Reg. No. 31,024 Ware of Person Signing William F. Herbert, Reg. No. 31,024 Ware of Person Signing 		(2) Souichi OKADA (3) Takashi YOSHIOKA	hereby certify that this correspondence is pearly indus-				
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 This document is being filed after filing of the application: (a) Patent Application No(s). <u>11/543.313</u>, filed <u>October 5, 2006</u>; 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: <u>1095.1402</u> Attention: <u>William F. Herbert</u> 1201 New York Ave., N.W., 7th Floor Washington, D.C. 20005 6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 3.41)	4.	October 24, 2006 Application number(s) or patent number(s): This document is being filed together with a					
 STAAS & HALSEY LLP Our Docket: <u>1095,1402</u> Attention: <u>William F. Herbert</u> 1201 New York Ave., N.W., 7th Floor Washington, D.C. 20005 6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 3.41)		This document is being filed after filing of t (a) Patent Application No(s). $11/543,313$,	he application: filed <u>October 5, 2006;</u> or				
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 Enclosed Authorized to be charged to deposit account. Recordation Fee paid on November 22, 2006, therefore, we feel no further recordation payment is necessary. 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) (Attach duplicate copy of this page if paying by deposit account) William F. Herbert, Reg. No. 31,024 Name of Person Signing William F. Herbert, Reg. No. 31,024 Total number of pages including cover sheet: <u>5</u> 	6.	Total number of applications and patents invol	ved: <u>1</u>				
Account) (Attach duplicate copy of this page if paying by deposit account) <u>William F. Herbert, Reg. No. 31,024</u> Name of Person Signing Total number of pages including cover sheet: <u>5</u> Revised January 2005	7.	 Enclosed Authorized to be charged to deposit a Recordation Fee paid on November 2 payment is necessary. 	ccount. 2, 2006, therefore, we feel no further recordation				
William 1: Herbert, Hog. No. 011021 Date Name of Person Signing Signature Date Total number of pages including cover sheet: 5 Revised January, 2005	8.	Account)	<u> </u>				
Revised January 2005	<u>Willia</u> Name	m F. Herbert, Reg. No. 31,024 of Person Signing	January 5, 2007 Signature Date				
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PATENT REEL: 018726 FRAME: 0564

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U.S. ASSIGNMENT

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 (*Invert Name(s) & Addrest(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

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relating to International Patent Application PCT/IP_____ and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

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(b) filed on

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IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

1) Bintota hoda	Bintatsu NODA	Oct. 24, 2006
(Signature)	(Type Name) Soulchi OKADA	Pot 25 2006
2) Johnshi Inshiroka	(Type Name) Takashi YOSHIOKA	()ct 24 2006
Marghille Takenslars	(Type Name) Masahiko TAKENAKA	Oct 24. 2006
(Signature)	(Type Name)	(Date)
5)	(Type Name)	(Date)

PATENT REEL: 018726 FRAME: 0565

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(1) Bintatsu NODA (2) Souichi OKADA (3) Takashi YOSHIOKA	
(2) Souichi OKADA (3) Takashi YOSHIOKA	
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FUJITSU LIMITED 1-1, Kamikodanaka 4-chome Nakahara-ku, Kawasaki-shi Kanagawa 211-8588 Japan	
X Assignment Merger Security Agreement Change of Name Other:	006 and (4)
<u>October 24, 2006</u>	<u>,00 and (4)</u>
Application number(s) or patent number(s): This document is being filed together with a new application.	
OR This document is being filed after filing of the application: (a) Patent Application No(s). , filed <u>October 5, 2006;</u> or (b) Patent No(s). , issued .	
Name and address of party to whom correspondence concerning document sho STAAS & HALSEY LLP Our Docket: <u>1095.1402</u> Attention: <u>William F. Herbert</u> 1201 New York Ave., N.W., 7th Floor Washington, D.C. 20005	uld be mailed:
Total number of applications and patents involved: <u>1</u>	
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/illiam F. Herbert, Reg. No. 31.024 Signature	<u>November 20, 2</u> Date
Total number of pages inclu	uding cover sheet: 2
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/il a 2(FUJITSU LIMITED 1-1, Kamikodanaka 4-chome Nakahara-ku, Kawasaki-shi Kanagawa 211-8688 Japan Nature of conveyance: X Assignment Security Agreement Change of Name Other. Change of Name Other. Change of Name Other. Change of Name Other. Change of Name October 24, 2006 Application number(s) or patent number(s): This document is being filed together with a new application. (a) Patent Application No(s)., filed October 5, 2006; or (b) Patent No(s)., issued. Name and address of party to whom correspondence concerning document shot STAAS & HALSEY LLP Our Docket: 1095.1402 Attention: William F. Herbert 1201 New York Ave., N.W., 7th Floor Washington, D.C. 20005 Total number of applications and patents involved:1 Total fee (37 CFR 3.41)

U.S. ASSIGNMENT

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, Karnikodanaka 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)

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(a) executed on _____

(Insert date of execution of application, if not concurrent)

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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)").

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1) Bintotan hoda	Bintatsu NODA	Oct. 24, 2006
(Signature)	(Type Name) Souichi OKADA	Pate 25, 2006
(Signature)	(Type Name) Takashi YOSHIOKA	(Date) Mot 24 2006
3) Japan (Signature)	<i>(Type Nams)</i> Masahiko TAKENAKA	(Date) Oct 24. 2006
AX <u>VUyah/W (Signature)</u> (Signature)	(Type Name)	(Date)
5) (Signature)	(Type Name)	(Date)

PATENT REEL: 018726 FRAME: 0567 JAN. 5.2007 9:07AM

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NO. 2069 P. 1

LAW OFFICES STAAS & HALSEY LLP

<u>Telephone</u> (202) 434-1500 1201 New York Avenue, N.W. 7th Floor Washington, D.C. 20005 Facsimile (202) 434-1501

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January 5, 2007

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ATTN: Assignment Division

FAX NO.: 571-273-0140

FROM: William F. Herbert

RE: U.S. Patent Application 11/543,313

YOUR REFERENCE: FUP-2291-US

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