

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>HISAO MOROOKA</td> <td>08/13/2013</td> </tr> <tr> <td>HIROYUKI FUJITA</td> <td>08/13/2013</td> </tr> <tr> <td>NOBUHARA TSUSAKA</td> <td>08/13/2013</td> </tr> <tr> <td>EIJI NAGAO</td> <td>08/13/2013</td> </tr> <tr> <td>MARK FRIESEN</td> <td>08/13/2013</td> </tr> <tr> <td>TONI KOBERLING</td> <td>05/13/2013</td> </tr> </tbody> </table>		Name	Execution Date	HISAO MOROOKA	08/13/2013	HIROYUKI FUJITA	08/13/2013	NOBUHARA TSUSAKA	08/13/2013	EIJI NAGAO	08/13/2013	MARK FRIESEN	08/13/2013	TONI KOBERLING	05/13/2013
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MARK FRIESEN	08/13/2013														
TONI KOBERLING	05/13/2013														
RECEIVING PARTY DATA															
Name:	FUJITSU LIMITED														
Street Address:	1-1, KAMIKODANAKA 4-CHOME,														
Internal Address:	NAKAHARA-KU,														
City:	KAWASAKI-SHI, KANAGAWA														
State/Country:	JAPAN														
Postal Code:	211-8588														
PROPERTY NUMBERS Total: 1															
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>29453861</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	29453861										
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Application Number:	29453861														
CORRESPONDENCE DATA															
Fax Number:	(202)434-1501														
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ATTORNEY DOCKET NUMBER:	1650.1068														
PATENT															

OP \$40.00 29453861

NAME OF SUBMITTER:	RICHARD A. GOLLHOFER
Signature:	/Richard A. Gollhofer/
Date:	11/20/2013
Total Attachments: 2 source=3L21736-Assignment#page1.tif source=3L21736-Assignment#page2.tif	

U.S. ASSIGNMENT

SALE 1/00

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)

ARITHMETIC AND CONTROL UNIT

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:

(a) executed on ; (Insert date of execution of application, if not concurrent)

(b) filed on , May 3, 2013

Serial No. 29/453,861;

Any registered attorney of STAAS & HALSEY LLP, 1201 New York Avenue, N.W., Suite 700 Washington, D.C. 20005 (202/434-1500) is hereby authorized to insert in (b) the specified data, when known.

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))

- 1) Hisao Morooka Aug 13/2013 _____
Hisao MOROOKA
- 2) Hiroaki Fujita Aug 13/2013 _____
Hiroaki FUJITA
- 3) Nobuharu Tsusaka Aug 13/2013 _____
Nobuharu TSUSAKA
- 4) Eiji Nagao Aug 13/2013 _____
Eiji NAGAO
- 5) Mark FRIESEN Aug 13/2013 _____
Mark FRIESEN
- 6) _____
Toni KOBERLING
- 7) _____

U.S. ASSIGNMENT

SAH 1/00

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2)	_____	_____	_____
	Hiroyuki FUJITA		
3)	_____	_____	_____
	Nobuharu TSUSAKA		
4)	_____	_____	_____
	Eiji NAGAO		
5)	_____	_____	_____
	Mark FRIESEN		
6)		MAY 13 2013	_____
	Toni KOBERLING		
7)	_____	_____	_____

PATENT

RECORDED: 11/20/2013

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