

## 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>TONI KOBERLING</td> <td>05/13/2013</td> </tr> <tr> <td>NOBUHARU TSUSAKA</td> <td>08/13/2013</td> </tr> <tr> <td>HIROYUKI FUJITA</td> <td>08/13/2013</td> </tr> <tr> <td>HISAO MOROOKA</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> </tbody> </table>		Name	Execution Date	TONI KOBERLING	05/13/2013	NOBUHARU TSUSAKA	08/13/2013	HIROYUKI FUJITA	08/13/2013	HISAO MOROOKA	08/13/2013	EIJI NAGAO	08/13/2013	MARK FRIESEN	08/13/2013
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<table border="1"> <tr> <td>Name:</td> <td>FUJITSU LIMITED</td> </tr> <tr> <td>Street Address:</td> <td>1-1, KAMIKODANAKA 4-CHOME,</td> </tr> <tr> <td>Internal Address:</td> <td>NAKAHARA-KU,</td> </tr> <tr> <td>City:</td> <td>KAWASAKI-SHI, KANAGAWA</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>211-8588</td> </tr> </table>		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		
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Application Number:	29454062														
CORRESPONDENCE DATA															
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<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>															
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ATTORNEY DOCKET NUMBER:	1650.1077														

PATENT

NAME OF SUBMITTER:	RICHARD A. GOLLHOFFER
Signature:	/Richard A. Gollhofer/
Date:	01/28/2014
Total Attachments: 2 source=3LL9116-Assignment#page1.tif source=3LL9116-Assignment#page2.tif	

# U.S. ASSIGNMENT

5&111A00

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 6, 2013

Serial No. 29/454,062;

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 date, 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)	<u>T. Koberling</u>	<u>MAY 15, 2013</u>	
	Toni KOBERLING		
2)	<u>Nobuharu TSUSAKA</u>		
	Nobuharu TSUSAKA		
3)	<u>Hiroyuki FUJITA</u>		
	Hiroyuki FUJITA		
4)	<u>Hisao MOROOKA</u>		
	Hisao MOROOKA		
5)	<u>Eiji NAGAO</u>		
	Eiji NAGAO		
6)	<u>Mark FRIESEN</u>		
	Mark FRIESEN		
7)			

# U.S. ASSIGNMENT

5/8/11 1/00

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1)	Toni KOBERLING		
2)	Nobuharu TSUSAKA	Aug 13/2013	
3)	Hiroaki FUJITA	Aug 13/2013	
4)	Hisao MOROOKA	Aug 13/2013	
5)	Eiji NAGAO	Aug 13/2013	
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RECORDED: 01/28/2014

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