PATENT ASSIGNMENT

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: **ASSIGNMENT**

CONVEYING PARTY DATA

Name	Execution Date
Yasuo (nmi) Hidaka	07/13/2009

RECEIVING PARTY DATA

Name:	Fujitsu Limited	
Street Address:	1-1, kamikodanaka 4-chome	
Internal Address:	Nakahara-ku, Kawasaki-shi	
City:	Kanagawa	
State/Country:	JAPAN	
Postal Code:	211-8588	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12489370

CORRESPONDENCE DATA

Fax Number: (214)661-4688

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 214.953.6559

Email: susan.bacchi@bakerbotts.com

Correspondent Name: BAKER BOTTS L.L.P. Address Line 1: 2001 ROSS AVENUE

SUITE 600 Address Line 2:

Address Line 4: DALLAS, TEXAS 75201-2980

ATTORNEY DOCKET NUMBER: 073338.0618

NAME OF SUBMITTER: Travis W. Thomas

Total Attachments: 2

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PATENT

500944410 **REEL: 023139 FRAME: 0160** ATTORNEY DOCKET NO. 073338.0618 08-51457 FLA FLA 08-009

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ASSIGNMENT

WHEREAS, I, the undersigned sole inventor or one of the undersigned joint inventors, of residence as listed, having invented new and useful subject matter disclosed by the patent application entitled *Multidimensional Asymmetric Bang-Bang Control*, filed 22 June 2009 as U.S. Patent Application No. 12/489370;

WHEREAS, FUJITSU LIMITED, ("Assignee"), with an address of 1-1, kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan, wants to acquire my entire right, title, and interest in and to said subject matter and in and to said patent application and any and all letters patent that issue therefrom;

NOW, THEREFORE, for and in consideration of \$1.00 and other good and valuable consideration, the receipt and sufficiency of which I hereby acknowledge, I assign to Assignee all right, title, and interest in and to said subject matter and in and to said application and any and all patents that issue therefrom, as well as any and all divisions, reissues, continuations, continuations in part, and extensions thereof. I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said subject matter, insofar as my interest is concerned, to Assignee.

I hereby assign to Assignee all right, title, and interest in and to said subject matter throughout the world, including the right to file applications and obtain patents, utility models, industrial models, and designs for said subject matter in Assignee's own name throughout the world and further including the right to claim priority to said patent application under any international convention, all rights to publish cautionary notices reserving ownership of said subject matter, and all rights to register said subject matter in appropriate registries throughout the world. I shall execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any and all other papers in connection therewith to perfect Assignee's right, title, and interest in and to said subject matter throughout the world.

I shall communicate to Assignee any and all facts known to me concerning any improvements. At the expense of Assignee, I shall testify in any and all legal proceedings, sign any and all lawful papers, execute any and all divisional, continuation, continuation-in-part, reissue, and substitute applications, make any and all lawful oaths or declarations, and generally do everything possible to perfect Assignee's right, title, and interest in and to said subject matter and to help Assignee obtain and enforce proper protection for said subject matter in any and all countries.

This Assignment shall bind the parties' successors, assigns, and legal representatives.

PAL01:102711.1

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Title of Application:

Application No.:

Filed:

Multidimensional Asymmetric Bang-Bang Control

12/489370

22 June 2009

Signature of Inventor:

Inventor's Name:

Yasuo (nmi) Hidaka

Residence:

Cupertino, California, United States of America

Date:

Date Application Executed:

PAL01:102711.1

RECORDED: 08/24/2009

PATENT REEL: 023139 FRAME: 0162