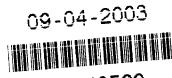
Attorney Docket No. 031080



MENT OF COMMERCE ent and Trademark Office

RECC

102540529

Commissioner 1	for Patents:	Please record	d the a	ittached	original	document	s or copy	thereof.

X New **Submission type:**

X Assignment Conveyance type:

Conveying Party(ies): (Last, First, Middle Initial) **Execution Date**

Name: First party

KITAZAWA, Takayuki

August 20, 2003

Second party

Name:

MIYAZAWA, Naoyuki

August 22 2003

Third party

Name:

Additional name(s) of conveying party(ies) attached? Yes ____ No X

Receiving Party (ies):

First party

Name:

FUJITSU QUANTUM DEVICES LIMITED

Address: 1000, Oaza Kamisukiawara, Showa-cho, Nakakoma-gun,

Yamanashi 409-3883 Japan

Additional name(s) & address(es) attached? Yes No XX

(Enter for the first Receiving Party only) **Domestic Representative Name and Address**

> ARMSTRONG, WESTERMAN & HATTORI, LLP 1725 K Street, N.W., Suite 1000 Washington, D.C. 20006

> > For Office Use Only

08/28/2003 ELLORLS 00000027 10648c63

03 FC:8021

40.00 UF

PATENT REEL: 014441 FRAME: 0874

Page 2						
Correspondent Name and Address ARMSTRONG, WESTERMAN & HATTORI, LLP 1725 K Street, N.W., Suite 1000 Washington, D.C. 20006						
Pages Enter the total number of pages of the attached conveyance document:						
Application Number(s) or Patent Number(s) Additional numbers attached? Yes No XX A. Patent Application No.(s) ###						
If this document is being filed together with a <u>new</u> application, enter the date the application was signed by the first named executing inventor: <u>August 20, 2003</u> (Do not recite both application and patent numbers.)						
Patent Cooperation Treaty (PCT) Enter PCT application number only if a U.S. Application Number has not been assigned PCT PCT PCT PCT PCT PCT PCT PC						
Number of Properties Enter the total number of properties involved: 1						
Fee Amount Fee Amount for Properties Listed (37 CFR 3.41)						
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. Mel R. Quintos Name of Person Signing Signature						
August 27, 2003 Date 31,898 Registration No.						

MRQ/yap

Rev. 11/00

PATENT REEL: 014441 FRAME: 0875

Docket No	Armstrong, Westerman & Hattori, LLP				
	U.S. ASSIGNMENT				
(Insert ASSIGNEE's Name(s) Address(es))	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 FUJITSU QUANTUM DEVICES LIMITED				
	1000, Oaza Kamisukiawara, Showa-cho, Nakakoma-gun, Yamanashi 409-3883 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)	SWITCHING CIRCUIT, SWITCHING MODULE AND METHOD OF CONTROLLING				
	THE SWITCHING CIRCUIT				
(*If the assignment is being filed after the filing of the	for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:				
application, this section must be	filed on, Serial No				
completed)	(Armstrong, Westerman & Hattori, LLP is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)				
	and all Letters Patent of the United States to be obtained therefore on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.				
	The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.				
	The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any				

continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

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

(Signatures)

(Signatures)	Takayuki Kitazawa (Signature)	Takayuki Kitazawa (Type Name)	Aug. 20, 2003	
	Naoyuki Miyazawa (Signature)	Naoyuki Miyazawa (Type Name)	Aug. 22, 2003	
	(Signature)	(Type Name)	(Date)	
	(Signature)	(Type Name)	(Date)	
	(Signature)	(Type Name)	(Date)	
no legalizațio	(Signature)	(Type Name)	(Date)	

RECORDED: 08/27/2003

PATENT **REEL: 014441 FRAME: 0876**