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Attorney Docket No. 010198	03-15-2001	DEPARTMENT OF COMMERCE Patent and Trademark Office
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Director of Patents and Trademarks, 101637705 al documents or copy thereof.		
Submission type: <u>X</u> New		
Conveyance type: <u>X</u> Assignment		
Conveying Party(ies):		<u>Execution Date</u>
First party	Name: IKATA, Osamu	February 9, 2001
(Last, First, Middle Initial)		
Second party	Name: SATOH, Yoshio	February 9, 2001
Third party	Name: HIRASAWA, Nobuo	February 9, 2001
Fourth party	Name: FUKUSHIMA, Hidenori	February 9, 2001
Additional name(s) of conveying party(ies) attached? Yes ___ No <u>X</u>		
Receiving Party (ies):		
First party	Name: FUJITSU LIMITED	
	Address: 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan	
Second party	Name: FUJITSU MEDIA DEVICES LIMITED	
	Address: 460, Ohazakoyama, Suzaka-shi, Nagano 382-8501, Japan	
Additional name(s) & address(es) attached? Yes ___ No <u>XX</u>		
Domestic Representative Name and Address (Enter for the first Receiving Party only)		
ARMSTRONG, WESTERMAN, HATTORI, McLELAND & NAUGHTON, LLP 1725 K Street, N.W., Suite 1000 Washington, D.C. 20006		
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Pages Enter the total number of pages of the attached conveyance document: 1
(including any attachments, but not counting cover sheets)

Application Number(s) or Patent Number(s) Additional numbers attached? Yes ☐ No ☒

A. Patent Application No.(s)

B. Patent No.(s)

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If this document is being filed together with a new application, enter the date the application was signed by the first named executing inventor: February 9, 2001
(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

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Number of Properties Enter the total number of properties involved: 1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41). \$40.00

XX Enclosed Authorized to be charged to Deposit Account No.: 01-2340**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.

William F. Westerman

Name of Person Signing

Signature

February 27, 2001

Date

29,988

Registration No.

Rev. 11/00

WFW/yap

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 LIMITED of 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa, 211-8588, JAPAN / FUJITSU MEDIA DEVICES LIMITED of 460, Ohazakoyama, Suzaka-shi, Nagano 382-8501, 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)

"DUPLEXER DEVICE"

*If the assignment is
being filed after the filing
of the application, this
action must be
completed)

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

"filed on _____, Serial No. _____
(Armstrong, Westerman, Hattori, McLeland & Naughton 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 therefor 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)	<u>Osamu Ikata</u> (SIGNATURE)	<u>Osamu IKATA</u> (TYPE NAME)	<u>February 9, 2001</u> (DATE)
	<u>Yoshio Satoh</u> (SIGNATURE)	<u>Yoshio SATOH</u> (TYPE NAME)	<u>February 9, 2001</u> (DATE)
	<u>Nobuo Hirasawa</u> (SIGNATURE)	<u>Nobuo HIRASAWA</u> (TYPE NAME)	<u>February 9, 2001</u> (DATE)
	<u>Hidenori Fukushima</u> (SIGNATURE)	<u>Hidenori FUKUSHIMA</u> (TYPE NAME)	<u>February 9, 2001</u> (DATE)
	_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
	_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
	_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)

NO LEGALIZATION REQUIRED