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Commissioner for Patents: Please

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or copy thereof.

Submission type: XX New

Conveyance type: XX Assignment

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04/08/02

Conveying Party(ies):		<u>Execution Date</u>
First party	Name: NISHIHARA, Tokihiro	March 22, 2002
Second party	Name: SAKASHITA, Takeshi	March 22, 2002
Third party	Name: KIMACHI, Rei	March 22, 2002
Fourth party	Name: YOKOYAMA, Tsuyoshi	March 22, 2002
Fifth party	Name: MIYASHITA, Tsutomu	March 22, 2002

Additional name(s) of conveying party(ies) attached? Yes ___ No XX

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, Oaza Koyama, Suzaka-shi, Nagano 382-8501 Japan

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

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

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For Office Use Only

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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)
##

If this document is being filed together with a new application, enter the date the application was signed by the first named executing inventor: March 22, 2002

(Do not recite both application and patent numbers.)

Patent Cooperation Treaty (PCT)

PCT _____

Enter PCT application number only if
a U.S. Application Number has not been assigned

PCT _____
PCT _____

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

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

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.

Donald W. Hanson
Name of Person Signing


Signature

April 8, 2002
Date

27,133
Registration No.

U.S. ASSIGNMENT

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

(1) FUJITSU LIMITED 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 Japan

(Insert ASSIGNEE's Name(s) Address(es))

(2) FUJITSU MEDIA DEVICES LIMITED 460 Oaza Koyama, 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 THIN -FILM PIEZOELECTRIC RESONATOR, BAND-PASS FILTER AND METHOD OF MAKING THIN-FILM PIEZOELECTRIC RESONATOR

(Title of Invention)

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

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

*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>Tokihiro Nishihara</u> (SIGNATURE)	<u>Tokihiro Nishihara</u> (TYPE NAME)	<u>March 22, 2002</u> (DATE)
<u>Takeshi Sakashita</u> (SIGNATURE)	<u>Takeshi Sakashita</u> (TYPE NAME)	<u>March 22, 2002</u> (DATE)
<u>Rei Kimachi</u> (SIGNATURE)	<u>Rei Kimachi</u> (TYPE NAME)	<u>March 22, 2002</u> (DATE)
<u>Tsuyoshi Yokoyama</u> (SIGNATURE)	<u>Tsuyoshi Yokoyama</u> (TYPE NAME)	<u>March 22, 2002</u> (DATE)
<u>Tsutomu Miyashita</u> (SIGNATURE)	<u>Tsutomu Miyashita</u> (TYPE NAME)	<u>March 22, 2002</u> (DATE)
_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
_____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)

NO LEGALIZATION REQUIRED