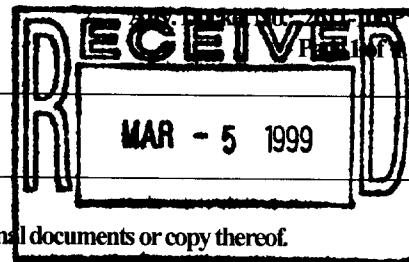


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1. Name of conveying party(ies): Takayuki NAGAYASU, Keishi MURAKAMI		2. Name and address of receiving party(ies) Name: MITSUBISHI DENKI KABUSHIKI KAISHA	
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Internal Address:	
3. Nature of conveyance: 3-5-99		Street Address: 2-3, Marunouchi 2-chome, Chiyoda-ku,	
<input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger		City: TOKYO State: ZIP: 100-8310	
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Execution Date: September 22, 1998			
4. Application number(s) or patent number(s): New			
If this document is being filed together with a new application, the execution date of the application is: September 22, 1998			
A. Patent Application No(s): 09/185,744		B. Patent No.(s):	
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5. Name and address of party to whom correspondence concerning document should be mailed:		6. Total number of applications and patents involved: One (1)	
Name: BIRCH, STEWART, KOLASCH & BIRCH, LLP		7. Total fee (37 C.F.R. § 3.41): \$40.00	
Street Address: P.O. BOX 747		<input checked="" type="checkbox"/> Enclosed	
City: FALLS CHURCH State: VA ZIP: 22040-0747		<input type="checkbox"/> Authorized to be charged to deposit account	
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<i>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</i>			
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2. Name and address of receiving party(ies)
Name: **MITSUBISHI DENKI KABUSHIKI KAISHA**
Internal Address:
Street Address: **2-3, Marunouchi 2-chome, Chiyoda-ku,**
City: **TOKYO** State: ZIP: **100-8301**
Country: **JAPAN** Postal Code:
Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
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 Other:
Execution Date: **September 22, 1998**

4. Application number(s) or patent number(s): **New**
If this document is being filed together with a new application, the execution date of the application is: **September 22, 1998**
A. Patent Application No(s): **09/185,744**
B. Patent No(s):
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: **BIRCH, STEWART, KOLASCH & BIRCH, LLP**
Street Address: **P.O. BOX 747**
City: **FALLS CHURCH** State: **VA** ZIP: **22040-0747**
Country: **USA**

6. Total number of applications and patents involved: **One (1)**
7. Total fee (37 C.F.R. § 3.41): **\$40.00**
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 Authorized to be charged to deposit account
8. Deposit account number: **02-2448**
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03 FC:581 40.00 OP
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John A. CASTELLANO #35,094 Name of Person Signing/Reg. No. [Signature] Signature November 4, 1998 Date

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United States Patent Rights

ATTORNEY DOCKET NO.
2611-106P

ASSIGNMENT

Serial No. New

Filed November 4, 1998

WHEREAS, Takayuki NAGAYASU and Keishi MURAKAMI

Insert Name(s)
of Inventor(s)

C/O Mitsubishi Denki Kabushiki Kaisha

2-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN

Insert Title
of Invention

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in _____

RECEIVER WITH A FREQUENCY OFFSET CORRECTING FUNCTION

for which an application for Letters Patent of the United States of America has been executed by the undersigned

Insert Date
of Signing of
Application

on September 22, 1998

; and

WHEREAS, MITSUBISHI DENKI KABUSHIKI KAISHA

Insert Name
of Assignee

2-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN

Insert Address
of Assignee

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America;

NOW THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents do sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America and its territories, dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s) which may be granted therefor in the United States of America and its territories, dependencies and possessions, and in and to any and all divisions, reissues, continuations and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof or Letters Patent(s) 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.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States of America resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch and Birch the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U. S. Patent and Trademark Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date Sep. 22, 1998 Name of Inventor Takayuki Nagayasu (SEAL)
(signature) Takayuki NAGAYASU

Date Sep. 22, 1998 Name of Inventor Keishi Murakami (SEAL)
(signature) Keishi MURAKAMI

Date _____ Name of Inventor _____ (SEAL)
(signature)

Date _____ Name of Inventor _____ (SEAL)
(signature)

Date _____ Name of Inventor _____ (SEAL)
(signature)

(This assignment should preferably be acknowledged before a United States Consul or Notary Public. If not, then the execution by the Inventor(s) should be witnessed by at least two other persons who sign here.)

Witness [Signature]
Hiroaki SAKAI

Witness [Signature]

Witness Wakako ANZAI