

12-18-1998

FORM PTO-1595 (modified)

RECOI



U.S. DEPARTMENT OF COMMERCE
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100924177

To the Assistant Commissioner for Patents and Trademarks: Please record the attached original document(s) or copy(ies) thereof.

1. Name of conveying party(ies):

Masaru FUSE, Kuniaki UTSUMI, Seiichiro KAWASHIMA,
Koji KIKUSHIMA

Additional name(s) of conveying party(ies) attached? no

2. Name and address of receiving party(ies):

Name: Matsushita Electric Industrial Co., Ltd. and
Nippon Telegraph and Telephone Corporation

Street Address: 1006 Oazakadoma, Kadoma-shi,
Osaka-fu, Japan and 19-2 Nishi-Shinjuku 3-chome,
Shinjuku-ku, Tokyo 163-8019, Japan

Additional name(s) & address(es) attached? no

3. Nature of conveyance:

 Assignment
 Security Agreement
 Other

Execution Date: May 25, 19 and November 21, 1998

 Merger
 Change of Name

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

09/080,312

Additional numbers attached? no

B. Patent No.(s)

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: WENDEROTH, LIND & PONACK, L.L.P.

Street Address: 2033 K Street, N.W., Suite 800

City: Washington, State: DC ZIP: 20006

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. § 3.41) \$40.00 **E**

 Enclosed Check No. 31000
[98-0619*/DRO-1413]
Authorized to be charged to deposit account


8. Deposit account number: _____

(Attach duplicate copy of this page if paying by deposit account)

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9. 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.

Dhiren R. Odedra, Reg. No. 41,227
Name of Person Signing


Signature

December 15, 1998
Date

Total number of pages including cover sheet, attachments, and document: 3

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

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PATENT
REEL: 9641 FRAME: 0504

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned

Masaru FUSE

Kuniaki UTSUMI

Seiichiro KAWASHIMA

Koji KIKUSHIMA

Insert Name(s)
of Inventor(s)

the undersigned hereby sell(s) and assign(s) to

Insert Name(s)
of Assignee(s) Matsushita Electric Industrial Co., Ltd. of 1006 Oazakadoma, Kadoma-shi, Osaka-fu,

Address

Japan and Nippon Telegraph and Telephone Corporation of 19-2 Nishi-Shinjuku
3-chome, Shinjuku-ku, Tokyo 163-8019, Japan
(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as

Title of
Invention

FM MODULATION DEVICE

Date of Signing
of Application

for which an application for patent in the United States has been executed by the undersigned on
May 25, 1998, May 25, 1998, November 21, 1998 and May 19, 1998

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 and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

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

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States 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) 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 firm of WENDEROTH, LIND & PONACK, L.L.P., 2033 K Street, N.W., Suite 800, Washington, DC 20006, 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 United States Patent Office for recordation of this document.

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

Date 98/5/25, Name of Inventor Masaru Fuse
Masaru FUSE

Date 98/5/25, Name of Inventor Kuniaki Utsumi
Kuniaki UTSUMI

Date 98/11/21, Name of Inventor Seiichiro Kawashima
For Seiichiro KAWASHIMA

Date 1998/5/19, Name of Inventor Koji Kikushima
KOJI KIKUSHIMA

Date _____, Name of Inventor _____

Date _____, Name of Inventor _____

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

Witness [Signature] 25 May, 1998

Witness [Signature]

Witness [Signature] 21 Nov. 1998 (Witness of execution by legal heirs for Seiichiro Kawashima)

ACKNOWLEDGEMENT

_____ } ss

This _____ day of _____, 19____, before me

personally came the above-named _____

to me personally known as the individual(s) who executed the foregoing assignment, who did acknowledge to me that he (they) executed the same of his (their) own free will for the purposes therein set forth.

Official Signature

Official Title

SEAL

The above application may be more particularly identified as follows:

U.S. Application Serial No. _____ Filing Date May 18, 1998

Applicant Reference Number FP-0269 Atty Docket No. _____

Title of Invention FM MODULATION DEVICE

THE COMMISSIONER IS AUTHORIZED
TO CHARGE ANY DEFICIENCY IN THE
FEE FOR THIS PAPER TO DEPOSIT
ACCOUNT NO. 10000000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : **ATTN: BOX ASSIGNMENTS**
Masaru FUSE et al. :
Serial No. 09/080,312 : **Group Art Unit 2817**
Filed May 18, 1998 :
FM MODULATION DEVICE :



Legal Heir Signing on Behalf of Incapacitated Inventor

Assistant Commissioner for Patents,
Washington, D.C.

Sir:

It is noted that one of the inventors in the present application, Mr. Seiichiro Kawashima, is presently incapacitated and was unable to sign the attached Assignment form.


Accordingly, Mrs. Kyoko Kawashima, who is the entire legal heir of Mr. Seiichiro Kawashima, signed the Assignment form on Mr. Seiichiro Kawashima's behalf.

It is noted that the above-described course of action was specifically suggested and approved by Karen Tyson (703) 305-9282 of the Petitioner's Office on October 14, 1998.

Thus, the Applicants submit that the Assignment form is
now properly executed.

Respectfully submitted,

Masaru FUSE et al.

By 
Dhiren R. Odedra
Registration No. 41,227
Attorney for Applicants

DRO/tf
WENDEROTH, LIND & PONACK, L.L.P.
2033 K Street N.W., Suite 800
Washington, D.C. 20006
Telephone (202) 721-8200
December 15, 1998