

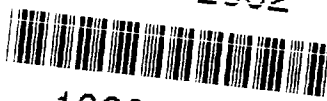
12-26-2002

Q72900

Form PTO-1595 (modified)
(Rev. 03/01)
OMB No. 0651-0027

RE

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office



102322623

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

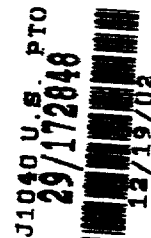
Toshihiko INABA

12/19/02

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

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

MITSUMI ELECTRIC CO., LTD
8-8-2, Kokuryo-cho
Chofu-shi, Tokyo
JAPAN



3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: July 1, 2002

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

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: July 1, 2002

A. Patent Application No.(s)
Unknown at the time of submission

B. Patent No.(s)

Additional numbers attached? Yes No

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

SUGHRUE MION, PLLC

WASHINGTON OFFICE



23373

PATENT TRADEMARK OFFICE

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41): \$40.00

- Enclosed.
- Authorized to be charged to Deposit Account No. 19-4880.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

8. Deposit Account Number:

19-4880

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

DO NOT USE THIS SPACE

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.

Robert V. Sloan

Reg. No. 22,775

December 19, 2002

Date

Total number of pages including cover sheet, attachments, and documents: 2

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks
Box Assignment
Washington, D.C. 20231

12/24/2002 6TON11 00000062 29172848

01 FC:8021

40.00 DP

PATENT
REEL: 013596 FRAME: 0782

Assignment

Whereas, I/We, **Toshihiko Inaba** of
c/o MITSUMI ELECTRIC CO., LTD., of 8-8-2,
Kokuryo-cho, Chofu-shi, Tokyo, Japan

hereinafter called assignor(s), have invented certain improvements in
LOOP ANTENNA

and executed an application for Letters Patent of the United States of America therefor on
; and

Whereas, **MITSUMI ELECTRIC CO., LTD., of 8-8-2,
Kokuryo-cho, Chofu-shi, Tokyo, Japan**

(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to
any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its
successors and assigns, the entire right, title and interest in the application and the invention disclosed
therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and
I/we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth
in the application to the assignee, its successors and assigns; and I/we will execute without further
consideration all papers deemed necessary by the assignee in connection with the United States application
when called upon to do so by the assignee.

Date: July 1, 2002 s/ Toshihiko Inaba
Toshihiko Inaba

Date: s/ _____

Date: s/ _____

Date: s/ _____

Date: s/ _____

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)