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To the Honorable Commissioner of Patents and Tradem

documents or copy thereof.

1. Name of conveying party(ies):

1-28-02

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

3. Nature of conveyance:

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- Security Agreement  Change of Name
- Other \_\_\_\_\_

Execution Date: December 25, 2002

102354044  
PLEASE SEE ATTACHED SCHEDULE B

Name: \_\_\_\_\_

Internal Address: \_\_\_\_\_

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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)

10/274,447

I HEREBY CERTIFY THAT THIS DOCUMENT AND/OR FEE IS BEING DEPOSITED WITH THE U.S. POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO: COMMISSIONER OF PATENTS AND TRADEMARKS, UNITED STATES PATENT AND TRADEMARK OFFICE, WASHINGTON, D.C. 20231 ON 10/28/03.

B. Patent No.(s)

Additional numbers attached?  Yes  No

JOHN R. UREN  
REG. No. 27,330

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

Name: JOHN RUSSELL UREN

Internal Address: \_\_\_\_\_

Street Address: Suite 202, 1590 Bellevue Ave  
West Vancouver, British Columbia,  
Canada, V7V 1A7

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

6. Total number of applications and patents involved:  1

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

Enclosed

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8. Deposit account number:

21-0885

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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.

JOHN RUSSELL UREN  
Name of Person Signing

Signature

JAN 20/03  
Date

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

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

PATENT REEL: 013703 FRAME: 0514

SCHEDULE A

1. ITO, Yasuhiro  
c/o NHK Broadcasting Center  
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Japan
2. NISHIDA, Yasuaki  
c/o NHK Broadcasting Center  
2-1, Jinnan 2-chome  
Shibuya-ku  
Tokyo 150-8001  
Japan
3. ANDO, Takashi  
c/o NHK ENGINEERING SERVICES, INC.  
37-18, Udagawacho  
Shibuya-ku  
Tokyo 150-0042 Japan
4. DAIKOKU, Kazuhiro  
c/o RCOM CORPORATION  
New Building, 1-7-14,  
Nishi-Shinbashi  
Minato-Ku, Tokyo 105-0003 Japan
5. HOSOYA, Shinichi  
c/o JAPAN KYASTEM CO., LTD.  
1-4-4, Nishiki-cho  
Tachikawa-shi  
Tokyo 190-0022 Japan

SCHEDULE B

1. NIPPON HOSO KYOKAI  
2-1, Jinnan 2-chome, Shibuya-ku  
Tokyo 150-8001 Japan
2. NHK ENGINEERING SERVICES, INC.  
37-18, Udagawacho  
Shibuya-ku  
Tokyo, 150-0042 Japan
3. RCOM CORPORATION  
New Building  
1-7-14, Nishi-Shinbashi  
Minato-Ku  
Tokyo 105-0003 Japan
4. JAPAN KYASTEM CO. LOTD.  
1-4-4, Nishiki-cho  
Tachikawa-shi  
Tokyo 190-022 Japan

**ASSIGNMENT**

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to the undersigned YASUHIRO ITO, YASUAKI NISHIDA, TAKASHI ANDO, KAZUHIRO DAIKOKU and SHINICHI HOSOYA whose full post office addresses are c/o NHK Broadcasting Center, 2-1, Jinnan 2-chome, Shibuya-ku, Tokyo 150-8001 Japan; c/o NHK Broadcasting Center, 2-1, Jinnan 2-chome, Shibuya-ku, Tokyo 150-8001 Japan; c/o NHK Engineering Services, Inc., 37-18 Udagawacho, Shibuya-ku, Tokyo 150-0042 Japan; c/o RCOM Corporation, New Building, 1-7-14, Nishi-Shinbashi, Minato-ku, Tokyo 105-0003 Japan; c/o Japan Kyastem Co., Ltd., 1-4-4, Nishiki-cho, Tachikawa-shi, Tokyo, 190-0022 Japan respectively, the receipt of which is hereby acknowledged, the undersigned hereby sells, assigns and transfers to NIPPON HOSO KYOKAI, NHK ENGINEERING SERVICES, INC., RCOM CORPORATION and JAPAN KYASTEM CO., LTD., whose full post office addresses are 2-1, Jinnan 2-chome, Shibuya-ku, Tokyo 150-8001 Japan; 37-18, Udagawacho, Shibuya-ku, Tokyo, 150-0042 Japan; New Building, 1-7-14, Nishi-Shinbashi, Minato-ku, Tokyo 105-0003 Japan and 1-4-4, Nishiki-cho, Tachikawa-shi, Tokyo 190-0022 Japan respectively (hereinafter designated as the Assignees), the entire right, title and interest in and to the invention known as AMPLITUDE-MODULATED SIGNAL RECEIVING CIRCUIT for which an application for patent in the United States of America has been executed by the undersigned YASUHIRO ITO, YASUAKI NISHIDA, TAKASHI ANDO, KAZUHIRO DAIKOKU and SHINICHI HOSOYA on October 18, 2002 under serial number 10/274,447 and in and to any and all improvements which are disclosed in the application and all divisions, substitutes and continuations thereof, and all United States Letters Patents which may be issued thereon, and all foreign rights including all priority rights and benefits under all international conventions for the protection of industrial property, and all applications for patents including related rights such as utility model, inventor's certificates and the like heretofore or hereafter filed in the United States or any foreign country, and all patents including extensions, renewals and reissues thereof

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granted in the United States or any foreign country.

The undersigned agrees 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 agrees 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 agrees 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 agrees 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 authorizes and requests the Commissioner of Patents to issue any and all Letters Patent 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 full right to convey the entire interest herein assigned, and that he has not executed, and will not execute any agreement in conflict herewith.

The undersigned hereby grants John Russell Uren, Registration No. 27,530, who carries on business at Suite 202,

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1590 Bellevue Avenue, West Vancouver, British Columbia, Canada,  
V7V 1A7, the power to insert of 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  
recording of this document.

IN WITNESS WHEREOF, executed by the undersigned on the  
date opposite the undersigned name in the presence of the person  
indicated.

Dec 25, 2002

Date

Yasuhiro Ito

YASUHIRO ITO

Yoshiharu Ofada

Witness

Dec 25, 2002

Date

Yasuaki Nishida

YASUAKI NISHIDA

Yuki Ogawa

Witness

Dec. 25 2002

Date

Takashi Ando

TAKASHI ANDO

Shunji Sunasaki

Witness

Dec. 25, 2002  
Date

Kazuhiko Daikoku  
KAZUHIRO DAIKOKU

Ilyo Ikeyama  
Witness

Jan. 14, 2003  
Date

Shinichi Hosoya  
SHINICHI HOSOYA

Katsuhiko Miwa  
Witness

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JOHN R. UREN  
REG. No. 27,530