To the Honorable Commissioner

1. Name of conveying party(ies):
   
   KIMURA, Tomohiro, YOSHIDA, Masayuki, and ONO, Fumitaka

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

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:

   Country: Japan  Postal Code: 100-8310

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

3. Nature of conveyance:

   ☒ Assignment  □ Merger

   □ Security Agreement  □ Change of Name

   □ Other:

   Execution Date: July 13, 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: July 13, 1998

   A. Patent Application No(s).

   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

   Internal Address:

   Street Address: P.O. BOX 747

   City: FALLS CHURCH  State: VA  ZIP: 22040-0747

   Country: USA

6. Total number of applications and patents involved: 1 (One)

7. Total fee (37 C.F.R. § 3.41): $40.00

   ☒ Enclosed

   ☐ Authorized to be charged to deposit account

8. Deposit account number: 02-2448

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


   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

   Michael K. Mutter/29,680
   Name of Person Signing/Reg. No.

   Signature  September 23, 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 & Trademarks, Box Assignments
Washington, DC 20231

PATENT
REEL: 9627 FRAME: 0974
ASSIGNMENT

Application No. New  

WHEREAS. Tomohiro Kimura, Masayuki Yoshida, Fumitaka One

(heretofore designated as the undersigned) have (have) invented certain new and useful improvements in

Encoding Method, Decoding Method, Encoding Apparatus and

Decoding Apparatus

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

on July 13, 1998; and

WHEREAS. Mitsubishi Denki Kabushiki Kaisha

of 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 Japan

Its heirs, successors, legal representatives and the 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

CHECK ONE BOX

(1) ☐ United States of America only, or
(2) ☐ United States of America and any and all foreign countries

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:

1. the United States of America, 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, its
territories, dependencies and possessions, if box (1) above is designated;

or

2. the United States of America, its territories, dependencies and possessions and in any and all foreign
countries 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, its territories, dependencies and possessions and in any and all foreign
countries, if box (2) above is designated;

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 Letter 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 of America patent(s) or a grant of a valid United States of America and any foreign 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 Patent and Trademark Office Officials in the United States of America and/or any and all foreign countries to issue any and all Letters Patents 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, LLP 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.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

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

Date July 13, 1998. Name of Inventor Tomohiro Kimura 
(signature) Tomohiro Kimura

Date July 13, 1998. Name of Inventor Masayuki Yoshida
(signature) Masayuki Yoshida

Date July 13, 1998. Name of Inventor Fumitaka Ono
(signature) Fumitaka Ono

Date ______________. Name of Inventor ________________________________
(signature)

Date ______________. Name of Inventor ________________________________
(signature)

Date ______________. Name of Inventor ________________________________
(signature)

The execution by the Inventor(s) of this assignment may be witnessed by at least two persons who sign here.

Witness ____________ Osayashi Semasa

Witness ____________ Keichi Nishikawa

Witness ____________ Haruo Nakayama

RECORD: 09/22/1998 PATENT REEL: 9627 FRAME: 0976