To the Honorable Commissioner of Patents and Trademarks:

1. **Name of conveying party:**
   - (1) Toshikazu KANAOKA

2. **Name and address of receiving party(ies):**
   - **Name:** FUJITSU LIMITED
   - **Internal Address:**
   - **Street Address:** 1-1, Kamikodanaka 4-chome,
   - **Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 Japan**
   - **City:** State:** **ZIP:**

3. **Nature of conveyance:**
   - (X) Assignment
   - ( ) Merger
   - ( ) Security Agreement
   - ( ) Change of Name
   - **Other**

   **Execution Date:** October 15, 2007

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: **October 15, 2007**
   - **A. Patent Application No.(s)***
   - **B. Patent No.(s)***

5. **Name and address of party to whom correspondence concerning document should be mailed:**
   - **Name:** Patrick G. Burns
   - **Greer, Burns & Crain, Ltd.**
   - **300 South Wacker Drive**
   - **Suite 2500**
   - **Chicago, Illinois 60606**

6. **Total number of applications and patents involved:**
   - 

7. **Total fee (37 CFR 3.41) ................................................................ $ 40.00**
   - (X) Enclosed
   - (X) Authorized to be charged to deposit account only in the event proper payment is not enclosed.

8. **Deposit account number:**
   - 07-2069

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.**
   - **James K. Folker**
   - **Name of Person Signing**
   - **Signature**
   - **Date:** October 31, 2007

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

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

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

**Patent**
**Reel:** 020117 **Frame:** 0625
U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar ($1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by
(Insert Name(s) & Address(es) of ASSIGNEE(s))

FUJITSU LIMITED

1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa, 211-8588 Japan

(Title of Invention)

DECODER AND REPRODUCING DEVICE

relating to International Patent Application PCT/JP __/___ and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:
(a) executed on ______________________ .
   (Insert date of execution of application, if not concurrent)
(b) filed on ______________________.
   Serial No. ________________.

Assignee's attorney is hereby authorized to insert in (b) the specified data when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agrees, when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

1) ______________________ (Signature) ______________________ (Type Name) Oct. 15, 2007 (Date)

2) ______________________ (Signature) ______________________ (Type Name) ______________________ (Date)

3) ______________________ (Signature) ______________________ (Type Name) ______________________ (Date)

4) ______________________ (Signature) ______________________ (Type Name) ______________________ (Date)

5) ______________________ (Signature) ______________________ (Type Name) ______________________ (Date)

6) ______________________ (Signature) ______________________ (Type Name) ______________________ (Date)

7) ______________________ (Signature) ______________________ (Type Name) ______________________ (Date)

8) ______________________ (Signature) ______________________ (Type Name) ______________________ (Date)

9) ______________________ (Signature) ______________________ (Type Name) ______________________ (Date)

10) ______________________ (Signature) ______________________ (Type Name) ______________________ (Date)
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party:

   (1) Toshikazu KANAOKA

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

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   Name: FUTJITSU LIMITED

   Internal Address: __________________________

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   Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 Japan

   City: ___________ State: ___________ ZIP: ________

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   B. Patent No.(s)

Additional numbers attached? ( ) Yes ( X ) No

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

   Patrick G. Burns
   Greer, Burns & Crain, Ltd.
   300 South Wacker Drive
   Suite 2500
   Chicago, Illinois  60606

Street Address: ____________________________________________

__________________________________________________________

City: ___________ State: ___________ ZIP: ________

Additional name(s) & address(es) attached: ( ) Yes ( X ) No

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) $ 40.00

   ( X ) Enclosed

   ( ) Authorized to be charged to deposit account only in the event proper payment is not enclosed.

8. Deposit account number: 07-2069

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   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.

   James K. Folker
   Name of Person Signing
   ________________________________
   Signature
   ________________________________
   Date October 31, 2007

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