To the Director, U.S. Patent and Trademark Office.

1. Name of conveying party(ies):
   TOHRU DEN
   NOBUIIRO YASUI

Additional name(s) of conveying party(ies):  □ Yes  ◐ No

Execution Date: October 25, 2001

2. Name and address of receiving party(ies):
   Name: CANON KABUSHIKI KAISHA
   Foreign Address: 30-2, Shimomaruko 3-chome, Ohta-ku
                    Tokyo, Japan

   Domestic Address: ____________________________________________________________
                    ____________________________________________________________
                    ____________________________________________________________
                    City: __________________________________________ State ______ ZIP ______

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

3. Nature of conveyance:
   ◐ Assignment  □ Merger  □ Security Agreement  □ 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 Number: 09/947,499
      Filing Date: September 7, 2001
   B. Title of Invention:
      MAGNETIC DEVICE AND METHOD FOR MANUFACTURING THE SAME, AND
      SOLID MAGNETIC MEMORY

   Additional numbers attached?  □ Yes  ◐ No

5. Name and address of party to whom correspondence concerning document should be mailed:
   Name: Fitzpatrick, Cella, Harper & Scinto
   30 Rockefeller Plaza
   New York, New York 10112-3801
   Telephone No.: (212) 216-2100
   Facsimile No.: (212) 216-2200

6. Number of applications and patents involved:
   One

7. Total fee (37 CFR 3.41): $ 40.00
   X Enclosed
   □ Authorized to be charged to deposit account

8. Deposit account number (for deficiency or excess)
   06-1205
   (Attach duplicate copy of this page if paying by deposit account)

9. Statement and signature:
   To the best of my knowledge and belief, the foregoing information is true and the attached is the original document or a true copy of the original document.

   PETER SAXON  ◐
   Name of Person Signing
   Signature
   November 14, 2001  Date

Total number of pages including cover sheet, attachments, and documents: 2
ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES

FOR VALUE RECEIVED, WE, Tohru Den and Nobuhiro Yasui

hereby sell, assign, transfer and convey unto CANON KABUSHIKI KAISHA

a corporation of JAPAN

having a place of business at

3-30-2, Shimomaruko, Ohta-ku, Tokyo, Japan

its successors, assigns and legal representatives (hereinafter called the "Assignee"), the entire right, title and interest, for the United States, in and to certain inventions relating to

MAGNETIC DEVICE AND METHOD FOR MANUFACTURING THE SAME, AND SOLID MAGNETIC MEMORY

and described in an application for Letters Patent of the United States filed by us on September 7, 20001

and which has been accorded Application No. 09/947,499

and in and to said application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted, thereon, and all reissues and extensions thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent upon said inventions to the Assignee or to such nominees as it may designate.

AND we authorize and empower the said Assignee or nominees to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right or priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.

AND we hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in the United States for any purpose and more particularly in proof of the right of said Assignee or nominees to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

AND we hereby convenant that we have the full right to convey the entire right, title and interest herein assigned and that we have not executed and will not execute any agreement in conflict herewith.

AND we hereby convenant and agree that we will communicate to said Assignee or nominees all facts known to us pertaining to said inventions, and testify in all legal proceedings, sign all lawful papers, execute all continuing and reissue applications, make all rightful oaths and declarations and in general perform all lawful acts necessary or proper to aid said Assignee or nominees in obtaining, maintaining and enforcing all lawful patent protection for said inventions in the United States.

By: Tohru Den

Date: October 25, 2001

By: Nobuhiro Yasui

Date: October 25, 2001

RECORDED: 11/15/2001

PATENT
REEL: 012307 FRAME: 0550