

To the Director, U.S. Patent

attached original documents or copy thereof.



101870916

1. Name of conveying parties:  
(1) NATSUHIKO MIZUTANI & (2) TAKAHIRO NUMAI

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

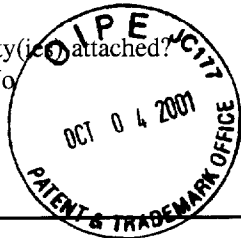
Name: CANON KABUSHIKI KAISHA

Additional name(s) of conveying party(ies) attached?

Yes  No

Foreign Address: 3-30-2, Shimomaruko, Ohta-ku

Tokyo, Japan



3. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_

Domestic Address: \_\_\_\_\_

Execution Date: August 8, 2001 (1 & 2)

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

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: \_\_\_\_\_

A. Patent Application Number: 09/900,953  
Filing Date: July 10, 2001

B. Title of Invention: OPTICAL GYRO, DRIVING METHOD AND SIGNAL PROCESSING METHOD THEREFOR

Additional numbers attached?  Yes  No

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

6. Number of applications and patents involved:

One

Name: Fitzpatrick, Cella, Harper & Scinto

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

30 Rockefeller Plaza

Enclosed  
 Authorized to be charged to deposit account

New York, New York 10112-3801

8. Deposit account number (for deficiency or excess)

Telephone No.: (212) 218-2100

06-1205

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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 is a true copy of the original document.*

Shawn W. Fraser - Reg. No. 45,886  
Name of Person Signing

Shawn W. Fraser  
Signature

October 4, 2001  
Date

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

**JOINT**  
(AFTER APPLICATION FILED)

**ASSIGNMENT OF PATENT RIGHTS FOR THE UNITED STATES**

FOR VALUE RECEIVED, WE, **Natsuhiko Mizutani and Takahiro Numai**

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

**OPTICAL GYRO, DRIVING METHOD AND SIGNAL PROCESSING METHOD THEREFOR**

and described in an application for Letters Patent of the United States filed by us on **July 10, 2001**

and which has been accorded Application No. **09/900,953**

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 covenant 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 covenant 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: Natsuhiko Mizutani  
**Natsuhiko Mizutani**

Date: August 8, 2001

By: Takahiro Numai  
**Takahiro Numai**

Date: August 8, 2001

By: \_\_\_\_\_

Date: \_\_\_\_\_

By: \_\_\_\_\_

Date: \_\_\_\_\_

By: \_\_\_\_\_

Date: \_\_\_\_\_