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Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please Record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Katsuhisa Aratani  
Takashi Ueno

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

☐ Yes ☒ No

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

Name: Furuyamets Co., Ltd.

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

Street Address: MSB-21 Minamiotsuka Bldg.

37-5, 2-chome, Minamiotsuka, Toshima-ku

Tokyo, Japan

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Additional Name(s) & Address(es) attached ☒ Yes ☐ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date 11/26/99; 11/30/99

## 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)

B. Patent No.(s)

P99,2247

09/429,719

Additional numbers attached? ☐ Yes ☒ No

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

Hill &amp; Simpson, P.C.

85th Floor Sears Tower  
233 S. Wacker Drive  
Chicago, IL 60606

## 6. Total number of applications and patents involved

1

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

☒ Enclosed
☒ Authorized to be charged to deposit account any  
Additional fees

## 8. Deposit Account Number:

08-2290

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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.

Michael R. Hull (35,902)

Name of Person Signing

December 9, 1999

Date

Total number of pages including cover sheet: 3

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

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**PATENT**  
**REEL: 010448 FRAME: 0196**

**ASSIGNMENT**

FOR a valuable consideration, the undersigned,

**KATSUHISA ARATANI**

residing at c/o Sony Corporation, 7-35, Kitashinagawa 6-chome,  
Shinagawa-ku, Tokyo, Japan

**TAKASHI UENO**

residing at c/o Furuyametals Co., Ltd.  
MSB-21 Minamiotsuka Bldg., 37-5, 2-chome  
Minamiotsuka, Toshima-ku, Tokyo, Japan

hereby sells, assigns, and transfers unto **Sony Corporation**, a company organized and existing under and by virtue the laws of the Country of Japan, and having its principle place of business at 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo, Japan and **Furuyametals Co., Ltd.**, a company organized and existing under and by virtue the laws of the Country of Japan, and having its principle place of business at MSB-21 Minamiotsuka Bldg., 37-5, 2-chome, Minamiotsuka, Toshima-ku, Tokyo, Japan, the whole right, title and interest in and to a certain invention or improvement in

**"THIN FILM FORMATION USE SPUTTERING TARGET MATERIAL,  
THIN FILM FORMED USING SAME, AND OPTICAL RECORDING MEDIUM"**

disclosed in an application for Letters Patent of the United States, prepared by the firm of Hill & Simpson, A Professional Corporation of Chicago, Illinois, and executed of even date herewith, said application being identified in the office records of said firm as Case No. **P99,2247**, and in and to the United States Letters Patent therefor, when issued, together with all improvements thereon and betterments thereof, all divisions, continuations and reissues thereof and substitutions of or for said application, and all rights and privileges under the Letters Patent that may be granted therefor, including the right to claim the benefit of an earlier filing date for the same invention in a foreign country.

We hereby authorize and request the Commissioner of Patents to issue the Letters Patent that may be granted for said invention or improvements to said **Sony Corporation and Furuyametals Co., Ltd.**

For the same consideration, we hereby agree that we will promptly communicate to the aforesaid assignee or its assigns full and complete information concerning said improvements or betterments of the inventions disclosed in said application, and will cooperate at any time upon request of said assignee or its assigns, at its expense, in the procurement of patent protection to cover the inventions herein assigned and to be assigned, including the execution of new divisional, continuing and reissue applications; will make all rightful oaths, will testify in any proceedings in the United States Patent Office or in the Courts, and generally will do everything lawfully possible to aid said assignee, its successors, assigns and nominees to obtain, enjoy and enforce proper patent protection for the inventions embraced within the terms of this document.

DATE: Nov. 26, 1999

Katsuhisa Aratani  
Katsuhisa Aratani

DATE: Nov. 30, 1999

Takashi Ueno  
Takashi Ueno

WITNESSES:

Kami Tamir  
Kunihiko Kano