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PA



101005788

To The Honorable Commissioner of Patents and Trademarks: Please record the attached 101005788 copy(ies) thereof.

1. Name of conveying party(ies):  
Raymond K.F. Lam and Tony Sica

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

2. Nature of conveyance:  
XX Assignment      Merger  
     Security Agreement      Change of Name  
     Other                       
Execution Date: March 23, 1999

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

Name: Sony Corporation  
Street Address: 7-35 Kitashinagawa, 6-Chome  
City: Tokyo 141  
Country: Japan

Name: Materials Research Corporation  
Street Address: 542 Route 303  
City: Orangeburg  
State: New York Zip Code: 10962  
Country: U.S.A.

Additional name(s) & address(es) attached? XX Yes XX 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: March 30, 1999

A. Patent Application No.(s)

B. Patent No.(s)

Express Mail No.: EL128598652US

Additional numbers attached? XX Yes XX No

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

Name: Donald F. Frei, Esquire  
Internal Address: Wood, Herron & Evans, L.L.P.  
2700 Carew Tower  
Street Address: 441 Vine Street  
City: Cincinnati State: Ohio Zip: 45202

6. Total number of applications and patents  
involved: 1

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

XX Enclosed  
XX Authorized to be charged to deposit account  
If deficiencies occur

8. Deposit Account Number: 23-3000

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

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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.*

Donald F. Frei, Reg. No.2161900

Signature

March 31, 1999

Date

Total number of pages comprising cover sheet, attachments, and document(s): 4

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents and Trademarks, Box Assignments  
Washington, D.C. 20231

PATENT  
REEL: 9867 FRAME: 0570

## ASSIGNMENT OF INVENTION AND PATENTS THEREON

For valuable consideration, we, Raymond K.F. Lam and Tony Sica, hereby assign to Sony Corporation, a corporation of Japan and having a place of business at 7-35 Kitashinagawa, 6-Chome, Shinagawa-Ku, Tokyo 141, Japan, and Materials Research Corporation, a corporation of Delaware and having a place of business at 542 Route 303, Orangeburg, New York 10962, and its successors and assigns (collectively hereinafter called "the Assignee"), our entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent filed herewith, entitled NICKEL/VANADIUM SPUTTERING TARGET WITH ULTRA-LOW ALPHA EMISSION

this assignment including said application, any continuation, division or continuation-in-part thereof and/or substitute therefor, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at 6 OVERLOOK ST,  
this 23<sup>rd</sup> day of MARCH, 1999

Raymond K.F. Lam

Raymond K.F. Lam

STATE OF New York :

:ss.

COUNTY OF Westchester :

Before me this 23<sup>rd</sup> day of MARCH, 1999, personally appeared Raymond K.F. Lam, a citizen of Hong Kong residing in Park Ridge, N.J. and particularly at 10 Maple Leaf Drive, Park Ridge, NJ 07656, known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that s/he executed the same as his free act and deed for the purposes therein contained.

**NANCY ENRIGHT**

**Notary Public, State of New York**

**No. 01EN6010444**

Notary Public

**Qualified in Westchester County  
Commission Expires July 20, 2000**

My Commission Expires:

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at 6 OVERLOOK ST.,  
this 23<sup>rd</sup> day of MARCH, 1999

Tony Sica

Tony Sica

STATE OF New York :

:ss.

COUNTY OF Westchester :

Before me this 23<sup>rd</sup> day of MARCH, 1999, personally appeared Tony Sica, a citizen of U.S.A. residing in Mt. Vernon, N.Y. and particularly at 6 Overlook Street, Mt. Vernon, NY 10552, known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that s/he executed the same as his free act and deed for the purposes therein contained.

**NANCY ENRIGHT**

**Notary Public, State of New York**

**No. 01EN6010444**

Notary Public

**Qualified in Westchester County  
Commission Expires July 20, 2000**

My Commission Expires:

[Notary's Seal Here]