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07-17-2003

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Conveyance type: Assignment Security Agreement
 License Change of name
 Merger Other _____

Conveying Party (ies): *(Last, First, Middle Initial)* Execution Date

First party	Name:	UEMURA, Yoichiro	March 18, 2003
Second party	Name:	MITOMO, Mamoru	March 18, 2003
Third party	Name:	NISHIMURA, Toshiyuki	March 18, 2003
Fourth party	Name:	HIRAI, Shinji	March 20, 2003
Fifth party	Name:	SHIMAKAGE, Kazuyoshi	March 20, 2003

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

Receiving Party (ies):


First party Name: **JAPAN SCIENCE AND TECHNOLOGY CORPORATION**

 Address: **1-8, Honcho 4-chome, Kawaguchi-shi, Saitama 332-0012 Japan**

Second party Name: **NATIONAL INSTITUTE FOR MATERIALS SCIENCE**

 Address: **2-1, Sengen 1-chome, Tsukuba-shi, Ibaraki 305-0047 Japan**

Additional name(s) & address(es) attached? Yes ___ No XX

Domestic Representative Name and Address 

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Pages Enter the total number of pages of the attached conveyance document: 1
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Application Number(s) or Patent Number(s) Additional numbers attached? Yes No
A. Patent Application No.(s) B. Patent No.(s)

10/275,963

If this document is being filed together with a new application, enter the date the application was signed by the first named executing inventor: _____
(Do not recite both application and patent numbers.)

Patent Cooperation Treaty (PCT) PCT _____
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Number of Properties Enter the total number of properties involved: 1

Fee Amount Fee Amount for Properties Listed (37 CFR 3.41). \$40.00
XX Enclosed
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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.

Sadao Kinashi
Name of Person Signing

Sadao Kinashi
Signature

July 11, 2003
Date

48,075
Registration No.

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 ASSIGNEE's Name(s) Address(es))

JAPAN SCIENCE AND TECHNOLOGY CORPORATION
1-8, Honcho 4-chome, Kawaguchi-shi, Saitama 332-0012 JAPAN
NATIONAL INSTITUTE FOR MATERIALS SCIENCE
2-1, Sengen 1-chome, Tsukuba-shi, Ibaraki 305-0047 JAPAN

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR here sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

(Title of Invention)

LANTHANUM SULFIDE OR CERIUM SULFIDE SINTERED COMPACT AND METHOD OF PRODUCING SAME

(*If the assignment is being filed after the filing of the application, this section must be completed)

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

filed on _____, Serial No. _____

(Armstrong, Westerman, Hattori, McLeland & Naughton is hereby authorized to insert the series and serial number and/or filing date hereon, when known)

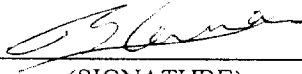
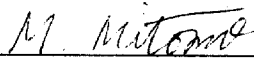
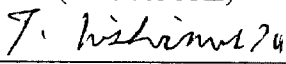
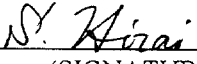
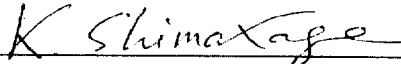
and all Letters Patent of the United States to be obtained therefor on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

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

(Signatures)

 _____ (SIGNATURE)	Yoichiro UEMURA (TYPE NAME)	<u>March 18, 2003</u> (DATE)
 _____ (SIGNATURE)	Mamoru MITOMO (TYPE NAME)	<u>March 18, 2003</u> (DATE)
 _____ (SIGNATURE)	Toshiyuki NISHIMURA (TYPE NAME)	<u>March 18, 2003</u> (DATE)
 _____ (SIGNATURE)	Shinji HIRAI (TYPE NAME)	<u>March 20, 2003</u> (DATE)
 _____ (SIGNATURE)	Kazuyoshi SHIMAKAGE (TYPE NAME)	<u>March 20, 2003</u> (DATE)

NO LEGALIZATION REQUIRED