



12-19-2005



103139876

Attorney Docket No.: 052562

U.S. DEPARTMENT OF COMMERCE

Mail Stop Assignment Recordation Services

Patent and Trademark Office

## RECORDATION FORM COVER SHEET

## PATENTS ONLY

Commissioner for Patents: Please record the attached original documents or copy thereof.

Submission type: XX NewConveyance type: XX Assignment

Conveying Party(ies):	(Last, First, Middle Initial)	Execution Date
First party	Name: OHASHI, Naoki	October 31, 2005
Second party	Name: HANEDA, Hajime	October 31, 2005
Third party	Name: SAKAGUCHI, Isao	October 31, 2005
Fourth party	Name: OHGAKI, Takeshi	October 28, 2005
Fifth party	Name: KATAOKA, Ken	October 27, 2005

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

## Receiving Party (ies):

First 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 (Enter for the first Receiving Party only)

WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP  
1250 Connecticut Avenue, N.W., Suite 700  
Washington, D.C. 20036  
Customer No.: 38834

For Office Use Only

12/16/2005 DBYRNE 00000090 10537492

01 FC:8021

40.00 DP

## Correspondent Name and Address

Telephone: 202-822-1100

WESTERMAN, HATTORI, DANIELS &amp; ADRIAN, LLP

1250 Connecticut Avenue, N.W., Suite 700

Washington, D.C. 20036

Pages Enter the total number of pages of the attached conveyance document: 1

(including any attachments, but not counting cover sheets)

Application Number(s) or Patent Number(s) Additional numbers attached? Yes      No XX

A. Patent Application No.(s)

B. Patent No.(s)

10/537,492 filed on June 3, 2005If 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                     Enter PCT application number only ifPCT                     

a U.S. Application Number has not been assigned

PCT                     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     Authorized to be charged to Deposit Account No.: 50-2866

## 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.

Stephen G. Adrian

Name of Person Signing



Signature

December 14, 2005

Date

32,878

Registration No.

Rev. 11/00

SGA/my

**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))

**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 hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

(Title of Invention)

**ZINC OXIDE RESISTOR AND PRODUCTION METHOD THEREOF**

(\*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.

(Westerman, Hattori, Daniels & Adrian, LLP is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

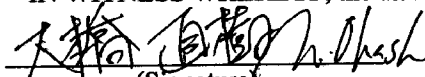
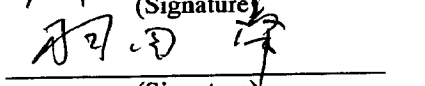
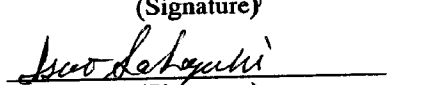
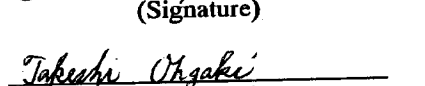
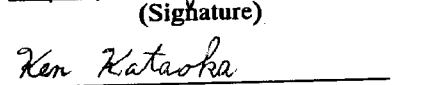
and all Letters Patent of the United States to be obtained therefore on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

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)	<b>Naoki OHASHI</b> (Type Name)	<u>Oct. 31, 2005</u> (Date)
 (Signature)	<b>Hajime HANEDA</b> (Type Name)	<u>Oct. 31, 2005</u> (Date)
 (Signature)	<b>Isao SAKAGUCHI</b> (Type Name)	<u>Oct. 31, 2005</u> (Date)
 (Signature)	<b>Takeshi OHGAKI</b> (Type Name)	<u>Oct. 28, 2005</u> (Date)
 (Signature)	<b>Ken KATAOKA</b> (Type Name)	<u>Oct. 27, 2005</u> (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)

NO LEGALIZATION REQUIRED