IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of
Kazuyoshi INOUE et al.
Serial No.: New Application

Filed: February 14, 2003

For: CONDUCTIVE THIN FILM FOR SEMICONDUCTOR DEVICE,
SEMICONDUCTOR DEVICE, AND METHODS FOR PRODUCING THEM

ASSIGNMENT TRANSMITTAL LETTER

Honorable Commissioner of
Patents and Trademarks
Washington, D.C. 20231

Sir:

Please record the attached Assignment in the name of the assignor and the assignee as indicated below and return the original document to the undersigned.

1. Submission Type:
   ___ New
   ___ Resubmission (Non-Recordation)
   ___ Document ID# ______________
   ___ Correction of PTO Error
   ___ Reel # ______ Frame # ______
   ___ Corrective Document
   ___ Reel # ______ Frame # ______

2. Conveyance Type:
   ___ Assignment
   ___ Security Agreement
   ___ License
   ___ Change of Name
   ___ Merger
   ___ Other

2. Name of Conveying Party(ies):
Kazuyoshi INOUE; Shigeo MATSUZAKI.

3. Name and Address of Receiving Party(ies):
IDEMITSU KOSAN CO., LTD.
1-1, Marunouchi 3-chome
Chiyoda-ku, Tokyo 100-8321 JAPAN.

4. Execution Date of Assignment: December 26, 2002.
5. If this Assignment is being filed together with a new application, the execution date of the application is: December 26, 2002.

6. Total number of applications and patents involved: 1.

All correspondence should be addressed to:

Roger W. Parkhurst
PARKHURST & WENDEL, L.L.P.
Suite 210
1421 Prince Street
Alexandria, VA 22314-2805.

The Assignment recordation fee ($40.00) is covered by our attached Check Number 16290.

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. Total number of pages including cover sheet, attachments and document 3.

If there should be any questions concerning the amount of the fee or should our check become detached, please debit or credit our Deposit Account Number 16-0331 as needed in order to effect proper filing of the attached document.

Respectfully submitted,

PARKHURST & WENDEL, L.L.P.

___ February 14, 2003 ___
Date

Roger W. Parkhurst
Registration No. 25,177

Attorney Docket No. HEIW:018

PARKHURST & WENDEL, L.L.P.
1421 Prince Street, Suite 210
Alexandria, Virginia 22314-2805
Telephone: (703) 739-0220
ASSIGNMENT

(1) Kazuyoshi INOUE

(2) Shigeo MATSUZAKI

(3) 

(4) 

(5) 

(6) 

(7) 

(8) 

In consideration of the sum of dollar ($1.00) and other good and valuable consideration paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(9) IDEMITSU KOSAN CO., LTD.

(10) 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8321 Japan

(hereinafter designated as the Assignee) the entire right, title and interest worldwide, including the United States, its territories, dependencies and possessions, in the invention, and all applications for patent and any Letters Patent which may be granted therefor, known as

(11) CONDUCTIVE THIN FILM FOR SEMICONDUCTOR DEVICE, SEMICONDUCTOR DEVICE, AND METHOD OF MANUFACTURING THE SAME (Case No. HEIW:018)

for which the undersigned executed an application for patent in the United States of America

(12) on December 26, 2002

(13) U.S. application Serial Number ____________________ filed February 14, 2003

1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or any continuing or divisional application thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, or similar agreements or treaties.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of valid patents to the Assignee in the United States and elsewhere worldwide.

5) The undersigned hereby authorize(s) and request(s) the patent offices or authorities to issue any and all Patents or patent rights resulting from said applications or any continuing or divisional applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

6) The undersigned hereby grant(s) the firm of PARKHURST & WENDEL, L.L.P. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office or any other patent office worldwide, for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date: Dec. 26th, 2002 Name of Inventor: Kazuyoshi INOUE (SEAL)

Date: Dec. 26th, 2002 Name of Inventor: Shigeo MATSUZAKI (SEAL)

Date: ___________________ Name of Inventor: ___________________ (SEAL)

Date: ___________________ Name of Inventor: ___________________ (SEAL)

Date: ___________________ Name of Inventor: ___________________ (SEAL)

Date: ___________________ Name of Inventor: ___________________ (SEAL)

Date: ___________________ Name of Inventor: ___________________ (SEAL)

Date: ___________________ Name of Inventor: ___________________ (SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. or (b) a U.S. Consul if outside the U.S.A.

If neither, then it should be signed before at least two witnesses who also sign here:

Date: ___________________ Witness: ___________________

Date: ___________________ Witness: ___________________