

11/630528

01-03-2007

IAP2 Rec'd PCT/PTO 21 DEC 2006

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103355995

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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

Sunsuke HOSOKAWA  
Hideki YAGI  
Takagimi YANAGITANI

Execution Date(s) December 8, 2006

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

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other \_\_\_\_\_

2. Name and address of receiving party(ies)

Name: KONOSHIMA CHEMICAL CO., LTD.

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

Street Address: 1-1, Koraihashi 4-chome, Chuo-ku

City: Osaka-shi

State: Osaka

Country: Japan Zip: 541-0043

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

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

11/630528

12/28/2006 FREY1 00000053 11630528

04 FC:8021

40.00 OP

Additional numbers attached?  Yes  No

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

Name: James G. Porcelli

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6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed with filing fee
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers \_\_\_\_\_

Expiration Date \_\_\_\_\_

b. Deposit Account Number 23-0650

Authorized User Name \_\_\_\_\_

9. Signature:

*James Porcelli*  
Signature

December 21, 2006

Date

James G. Porcelli, Reg. No. 33,757

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

3

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Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

PATENT  
REEL: 018736 FRAME: 0767

12.21.06

## ASSIGNMENT

WHEREAS, WE, HOSOKAWA, Shunsuke, YAGI, Hideki, and YANAGITANI, Takagimi,

all residing in c/o KONOSHIMA CHEMICAL CO., LTD. TAKUMA WORKS, 80, KODA, TAKUMA-CHO

MITOYO-SHI, KAGAWA, 769-1103 JAPAN have invented certain new and useful improvements in

TRANSLUCENT LUTETIUM OXIDE SINTER, AND METHOD FOR MANUFACTURING SAME

for which we have filed an application for United States Letters Patent on September 28, 2004 as Application Serial No. PCT/JP04/14177.

AND, WHEREAS KONOSHIMA CHEMICAL CO., LTD. of JAPAN, having a place of business at 1-1, Koraibashi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0043 Japan, hereinafter called the "assignee", is desirous of acquiring the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed.

NOW, THEREFORE, for good and valuable consideration paid to us by said assignee, the receipt of which is hereby acknowledged, we do hereby assign, sell, transfer, and set over unto said assignee the entire right, title and interest in and to said application and the inventions and improvements therein disclosed for the United States and any Letters Patent which may issue therefor in the United States and all divisions, reissues, continuations, continuations-in-part, renewals, and/or extensions thereof, said assignee to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent and any and all divisions, reissues, continuations, continuations-in-part, renewals, and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by me had this assignment not been made.

The Commissioner for Patents is requested to issue such Letters Patent in accordance herewith. We covenant that we are the lawful owners of the said application, inventions, and improvements, that the same are unencumbered, that no license has been granted to make, use, or vend the said inventions or improvements or any of them, and that we have the full right to make this assignment.

And for the consideration aforesaid, we agree jointly and individually that we will communicate to said assignee or the representatives thereof any facts known to us respecting said inventions and improvements, and will, upon request, but without expense to us, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, continuation-in-part, renewal, and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts, deemed necessary or expedient by said assignee or by counsel for said assignee, to assist or enable said assignee to obtain and enforce full benefits from the rights and interests herein assigned. This assignment shall be binding upon our heirs, executors, administrators, and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors, and/or assigns, as the case may be, of said assignee.

Date Dec. 8, 2006

Shunsuke Hosokawa  
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Date Dec. 8, 2006

Hideki Yagi  
Inventor: YAGI, Hideki

Date Dec. 8, 2006

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