

10-01-2003

MRD 9/25/03

Q66233

Form PTO-1595 (modified)  
(Rev. 03/01)  
OMB No. 0651-0027

RE1



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Shunichi FUKUZUMI  
Kei OHKUBO  
Yutaka OHNISHI



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105-8518 Japan

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4. Application number(s) or patent number(s):  
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A. Patent Application No.(s)  
10/235,834

B. Patent No.(s)

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*Sheldon I. Landsman*

Sheldon I. Landsman

Reg. No. 25,430

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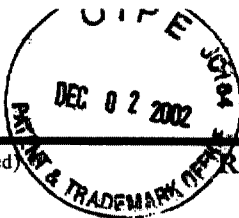
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(Rev. 03/01)  
OMB No. 0651-0027



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To the Honorable Commissioner of Patents and Trademarks  
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1. Name of conveying party(ies):

Kohei MORIZAWA  
Shunichi FUKUZUMI  
Kei OHKUBO  
Yutaka OHNISHI



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

SHOWA DENKO K.K.  
13-9, Shiba Daimon 1-chome, Minato-ku, Tokyo  
105-8518 Japan

12-2-02

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*Sheldon I. Landsman*  
Sheldon I. Landsman

*Bruce E. Kramer*  
Reg. No. 33,725  
Reg. No. 25,430

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# ASSIGNMENT

Whereas, I/we, 1) Kohei MORIKAWA, 2) Shunichi FUKUZUMI, of  
3) Kei OHKUBO and 4) Yutaka OHNISHI  
c/o Corporate R&D Center SHOWA DENKO K.K., 5-1, Oogimachi, Kawasaki-ku, Kawasaki-shi,  
Kanagawa 210-0867 Japan for 1) & 4), 9-7-101, Toshikuranishi 2-chome, Toyonaka-shi, \*\*\*  
hereinafter called assignor(s), have invented certain improvements in

PHOTOOXIDATION CATALYST AND PRODUCTION PROCESS FOR ALDEHYDE DERIVATIVES  
and executed an application for Letters Patent of the United States of America therefor on

; and

Whereas,

SHOWA DENKO K.K. of 13-9, Shibadaimon 1-chome, Minato-ku, Tokyo  
105-8518 Japan, a legal entity of Japan,


(assignee), desires to acquire the entire right, title and interest in the application and invention,  
and to any United States patents to be obtained therefor;


Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,


I/We, the above named assignor(s), hereby sell, assign and transfer to the above named  
assignee, its successors and assigns, the entire right, title and interest in the application and the  
invention disclosed therein for the United States of America, including the right to claim priority under  
35 U.S.C. § 119, and I/we request the Director - U.S. Patent and Trademark Office to issue any  
Letters Patent granted upon the invention set forth in the application to the assignee, its successors  
and assigns; and I/we will execute without further consideration all papers deemed necessary by the  
assignee in connection with the United States application when called upon to do so by the assignee.

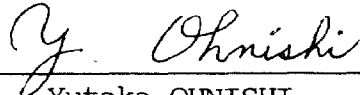
I/We hereby authorize and request my/our attorneys SUGHRUE MION, PLLC of 2100  
Pennsylvania Avenue, N.W., Washington, D.C. 20037-3213 to insert here in parentheses (Application  
number 10/235834 and Confirmation number \_\_\_\_\_, filed Sept. 6, 2002)  
the filing date and application number of said application when known.

\*\*\* Osaka 561-0844 Japan for 2) and 7-28-201, Minamikasugaoka 6-chome, Ibaraki-shi,  
Osaka 561-0046 Japan for 3)

Date: November 1, 2002 s/   
Kohei MORIKAWA

Date: November 1, 2002 s/   
Shunichi FUKUZUMI

Date: November 1, 2002 s/   
Kei OHKUBO

Date: November 1, 2002 s/   
Yutaka OHNISHI

Date: \_\_\_\_\_ s/ \_\_\_\_\_