

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Hiroshi DANJO</td> <td>07/28/2009</td> </tr> <tr> <td>Noriaki FUKUOKA</td> <td>07/28/2009</td> </tr> <tr> <td>Taku MIMURA</td> <td>07/28/2009</td> </tr> </tbody> </table>		Name	Execution Date	Hiroshi DANJO	07/28/2009	Noriaki FUKUOKA	07/28/2009	Taku MIMURA	07/28/2009
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Hiroshi DANJO	07/28/2009								
Noriaki FUKUOKA	07/28/2009								
Taku MIMURA	07/28/2009								
RECEIVING PARTY DATA									
Name:	Kao Corporation								
Street Address:	14-10, Nihonbashi-Kayabacho 1-chome, Chuo-ku								
City:	Tokyo								
State/Country:	JAPAN								
PROPERTY NUMBERS Total: 1									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12526518</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12526518				
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Application Number:	12526518								
CORRESPONDENCE DATA									
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Total Attachments: 2 source=346044USAssignment#page1.tif source=346044USAssignment#page2.tif									

OP \$40.00 12526518

Assignment Of Application

INSERT NAMES
AND RESIDENCE
ADDRESSES OF
THE INVENTORS:

WHEREAS, I (WE) Hiroshi DANJO, Noriaki FUKUOKA and Taku MIMURA
of c/o Kao Corporation, Research Laboratories, 1334, Minato, Wakayama-
shi, Wakayama, Japan; c/o Kao Corporation, Plant, 1334, Minato, Wakayama
-shi, Wakayama, Japan; c/o Kao Corporation, Research Laboratories,
1334, Minato, Wakayama-shi, Wakayama, Japan

INSERT TITLE
OF INVENTION:

_____, respectively,
have invented certain new and useful improvements in: "CATALYST FOR PRODUCING
ALCOHOL"

INSERT DATE IN-
VENTORS SIGNED
DECLARATION:

for which an application for Letters Patent was executed on July 28, 2009

(Application No. _____, filed _____), and

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE:

WHEREAS, Kao Corporation
(hereinafter referred to as "ASSIGNEE") having a place of business at: 14-10, Nihonbashi-
Kayabacho 1-chome, Chuo-ku, Tokyo, Japan,
is desirous of acquiring the entire right, title and interest in and to said invention and in and to any
Letters Patent that may be granted therefore in the United States and its territorial possessions and in
any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: 28th July 2009

Hiroshi Danjo
(Signature of Inventor) Hiroshi DANJO

Date: 28th July 2009

Noriaki Fukuoka
(Signature of Inventor) Noriaki FUKUOKA

Date: 28th July 2009

Taku M. MIMURA
(Signature of Inventor) Taku MIMURA

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
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