

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
Hirokazu IKEDA		03/09/2005
Atsushi ONISHI		03/11/2005
Koichi MURAZUMI		03/11/2005
RECEIVING PARTY DATA		
Name:	Daicel Chemical Industries, Ltd.	
Street Address:	1, Teppo-cho, Sakai-shi	
City:	Osaka	
State/Country:	JAPAN	
Postal Code:	590-8501	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	10529698	
CORRESPONDENCE DATA		
Fax Number:	(269)381-5465	
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>		
Phone:	(269) 381-1156	
Email:	docket@flynnthiel.com	
Correspondent Name:	Terryence F. Chapman	
Address Line 1:	2026 Rambling Road	
Address Line 4:	Kalamazoo, MICHIGAN 49008-1631	
ATTORNEY DOCKET NUMBER:	3400.P1419US	
NAME OF SUBMITTER:	Terryence F. Chapman	
Total Attachments: 1		
source=Furuya 1419 Assignment#page1.tif		

CH \$40.00 10529698

500060567

PATENT  
REEL: 016779 FRAME: 0843

# ASSIGNMENT

United States (Sole or Joint)  
(Excluding Foreign Rights)

WHEREAS, I/We, 1. Hirokazu IKEDA, 2. Atsushi ONISHI, and Koichi MURAZUMI

residing at 1. 1-2, Shinko-cho, Arai-shi, Niigata 944-0019, JAPAN, 2. 14-14,  
Sengen 1-chome, Tsukuba-shi, Ibaraki 305-0047, JAPAN, 3. 564-16,  
Kaichikitamachi, Aboshi-ku, Himeji-shi, Hyogo 671-1251, JAPAN

have invented certain new and useful improvements in

METHOD OF PRODUCING ENANTIOMERIC ISOMER-SEPARATING FILLER  
for which an application for United States Letters patent was

signed on March 9 and March 11, 2005

WHEREAS, Daicel Chemical Industries, Ltd.

having a place of business at

1, Teppo-cho, Sakai-shi, Osaka 590-8501, JAPAN

hereinafter called the "Assignee", 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 therefor, in the United States and  
its territorial possessions.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00)  
and other valuable considerations, the receipt whereof is hereby  
acknowledged, I/we have sold, assigned and transferred, and by these  
presents do sell, assign, transfer and confirm in and to said Assignee  
my/our full and exclusive right to the said invention in the United  
States and its territorial possessions and my/our entire right, title  
and interest in and to said application and any and all Letters Patent  
which may be granted therefor in the United States and its territorial  
possessions and in and to any and all divisions, reissues, continuations  
and extensions thereof.

I/We hereby authorize and request the Patent Office Officials in  
the United States to issue any and all of said Letters Patent, when  
granted, to said Assignee for the sole use and behoof of the said  
Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, I/we have hereunto set my/our hand(s).

Witnessed by:

Inventor(s):

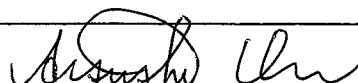
Date:

\_\_\_\_\_

  
Hirokazu IKEDA

March 9, 2005

\_\_\_\_\_

  
Atsushi ONISHI

March 11, 2005

\_\_\_\_\_

  
Koichi MURAZUMI

March 11, 2005

\_\_\_\_\_

PATENT

RECORDED: 11/15/2005

REEL: 016779 FRAME: 0844