

Substitute Form PTO-1595  
 Attorney Docket No.: 14879-050002  
 Client's Ref. No.: D1-008DP1-USD1

## RECORDATION FORM COVER SHEET PATENTS ONLY

Commissioner for Patents: Please record the attached original document(s) or copy(ies).	
1. Name of conveying party(ies): <p style="margin-left: 20px;">Norihiro Kimoto, Hiroaki Yamamoto and Kazuya Mitsuhashi</p> <p style="margin-left: 20px;">Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	2. Name and address of receiving party(ies): <p style="margin-left: 20px;">Daicel Chemical Industries, Ltd.          1 Teppo-cho, Sakai-shi          Osaka 590-0905 JAPAN</p> <p style="margin-left: 20px;">Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: <p style="margin-left: 20px;">Execution Date: 01/25/2000 (Kimoto); 01/25/2000 (Yamamoto); 01/25/2000 (Mitsuhashi)</p>	4. Application number(s) or patent number(s): <p style="margin-left: 20px;">If this document is being filed with a new application, the execution date of the application is:</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p style="margin-left: 20px;">A. Patent Application No(s): 09/855,309</p> </div> <div style="width: 45%;"> <p style="margin-left: 20px;">B. Patent No(s):</p> </div> </div> <p style="margin-left: 20px;">Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
5. Name/address of party to whom correspondence concerning document should be mailed: <p style="margin-left: 20px;">Fish &amp; Richardson P.C.          225 Franklin Street          Boston, MA 02110-2804</p>	6. Total number of applications/patents involved: 1 7. Total fee (37 CFR §3.41): \$40 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to charge Deposit Account. 8. Deposit Account No.: 06-1050 <p style="margin-left: 20px;">Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.</p>
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9. Statement and Signature: <i>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.</i>	
<p style="margin-left: 20px;"><b>FOR</b>          Janis K. Fraser, Ph.D., J.D.          Reg. No. 34,819          Name of Person Signing</p>	<div style="display: flex; align-items: center;"> <div style="flex: 1;"> <p style="margin-top: 5px;">Signature</p> </div> <div style="flex: 1; text-align: center;"> <p style="font-size: 1.2em;">60,429</p> </div> <div style="flex: 1; text-align: right;"> <p style="font-size: 1.2em;">2/23/2005</p> <p style="margin-top: 5px;">Date</p> </div> </div>
Total number of pages including coversheet, attachments and document: 4	

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### CERTIFICATE OF TRANSMISSION BY FACSIMILE

I hereby certify that this correspondence is being transmitted by facsimile to the Patent and Trademark Office on the date indicated below.

<p style="font-size: 1.2em;">February 23, 2005</p> <p style="margin-top: 5px;">Date of Transmission</p>	<p style="margin-top: 5px;">Signature</p>	<p style="font-size: 1.2em;">Scott Barrett</p> <p style="margin-top: 5px;">Typed Name of Person Signing Certificate</p>
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**PATENT**

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ASSIGNMENT

For valuable consideration, we, NORIHIRO KIMOTO of Ibaraki, Japan, HIROAKI YAMAMOTO of Ibaraki, Japan, KAZUYA MITSUHASHI of Ibaraki, Japan, hereby assign to DAICEL CHEMICAL INDUSTRIES, LTD., a Japanese corporation having a place of business at:

1 Teppo-cho, Sakai-shi  
Osaka 590-0905 JAPAN

and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us this day, entitled NOVEL CARBONYL REDUCTASE, METHOD FOR PRODUCING SAID ENZYME, DNA ENCODING SAID ENZYME, AND METHOD FOR PRODUCING ALCOHOL USING SAID ENZYME, filed December 21, 1999, and assigned U.S. Serial Number 09/468,738, this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at Ibaraki, Japan,  
this 25 day January of, 2000  
Norihiro Kimoto L.S.  
NORIHIRO KIMOTO

Witnessed by: Akinobu Matsuyama  
Name: Akinobu Matsuyama Date: January 25, 2000

Witnessed by: Takashi Toki  
Name: Takashi Toki Date: January 25, 2000

IN WITNESS WHEREOF, I hereto set my hand and seal at Ibaraki, Japan,  
this 25 day January of, 2000  
Hiroaki Yamamoto L.S.  
HIROAKI YAMAMOTO

Witnessed by: Akinobu Matsuyama  
Name: Akinobu Matsuyama Date: January 25, 2000

Witnessed by: Takashi Toki  
Name: Takashi Toki Date: January 25, 2000

IN WITNESS WHEREOF, I hereto set my hand and seal at Ibaraki, Japan,  
this 25 day January of, 2000  
Kazuya Mitsuhashi L.S.  
KAZUYA MITSUHASHI

Witnessed by: Akinobu Matsuyama  
Name: Akinobu Matsuyama Date: January 25, 2000

Witnessed by: Takashi Toki  
Name: Takashi Toki Date: January 25, 2000

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