

08-09-2005

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

RECO



103077826

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):**

Tatsuo HOSHINO  
Taro MIYAZAKI  
Teruhide SUGISAWA

Execution Date(s) April 22, 2005

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: DSM IP Assets B.V.

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

Street Address: Het Overloon 1

City: NL-6411 TE Heerlen

State: \_\_\_\_\_

Country: The Netherlands Zip: \_\_\_\_\_

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)

10/528,675

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Stephen M. Haracz, Esq.

Internal Address: BRYAN CAVE LLP

Street Address: 1290 Avenue of the Americas

City: New York

State: New York Zip: 10104-3300

Phone Number: (212) 541-2000

Fax Number: (212) 541-4630

Email Address: \_\_\_\_\_

**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  
☐ None required (government interest not affecting title)

**8. Payment Information**

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

b. Deposit Account Number 02-4467

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

**9. Signature:**

Charles M. Avigliano  
Signature

August 3, 2005

Date

Charles M. Avigliano, Reg. No. 52,578

Name of Person Signing

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

2

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:

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

08/08/2005 ECOOPER 00000121 103077826

01 FC:8021

40.00 DP

PATENT  
REEL: 016904 FRAME: 0447

# Assignment

WHEREAS, I/WE

**Tatsuo HOSHINO, Taro MIYAZAKI and Teruhide SUGISAWA**

the ASSIGNOR(S), have invented certain new and useful improvements in

## **ALDEHYDE DEHYDROGENASE GENE**

which are described and claimed in European Application No. 02021650.3 filed September 27, 2002 in Europe, and PCT/EP2003/010498 filed September 22, 2003 also in Europe.

NOW, THEREFOR, for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable considerations to me (us) in hand paid, the receipt and sufficiency whereof are hereby acknowledged, I/we have sold, assigned and set over, and by these presents do hereby sell, assign and set over unto

**DSM IP ASSETS B.V., a Netherlands Corporation**  
of Het Overloon 1, NL-6411 TE Heerlen (The Netherlands), the Assignee

and the said Assignee's legal representatives, successors and assigns, the entire right, title and interest, in and to the said invention within the United States of America and its territories and possessions, and in and to said application and the Letters Patent of the United States of America that may be granted therefor, together with the right to extend the protection thereof to the various territories and possessions now owned or which may be acquired hereafter by the United States of America; and I/we do hereby request and authorize the Commissioner of Patents to issue said Letters Patent to the above-mentioned Assignee agreeably with the terms of this assignment.

UPON SAID CONSIDERATION, I/we do hereby covenant and agree with the said Assignee that I/we will not execute any writing or do any act whatsoever conflicting with these presents, and that I/we will at any time upon request without further or additional consideration, but at the expense of the said Assignee, execute such additional assignments and other writings and do such additional acts as said Assignee may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, reissued, or extended Letters Patent of the United States of America on said invention, and in enforcing any rights or choices in action accruing as a result of such applications or patents, including but not limited to, giving testimony in any proceedings or transactions involving such applications or patents, and executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind and inure to the benefit of the assigns and legal representatives of all parties hereto.

IN WITNESS WHEREOF, this Assignment has been executed by the Assignor(s)  
at KANSAS CITY, MO, on APRIL 22, 2005.

Tatsuo Hoshino  
Tatsuo HOSHINO

Taro Miyazaki  
Taro MIYAZAKI

Teruhide Sugisawa  
Teruhide SUGISAWA