11-19-2002

Attorney Docket No. 021153-000110US

Form PTO- (Rev. 03-01) OMB No. 0651-0027 (exp. 5/31/2002)		heet	U.S. Department of Commerce U.S. Patent and Trademark Office
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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof			al documents or copy thereof
Name of conveying party(ies):		2. Name and address of red	
Joseph A. Miller	10-21-02	Name: DSM N.V	
Additional name(s) of conveying parties attached? Yes No.		Internal Address:	
3. Nature of conveyance:		Street Address: Het Ove	rloon 1
	☐ Merger	City: 6411 TE Heerlen	State: The Netherlands ZIP:
Security Agreement	☐ Change of Name		
Other:		Additional names and addresses attached? ☐ Yes ☒ No	
Execution Date: 10/02/02			
4. Application number(s) or patent number(s).			
If this document is being filed together with a new application, the execution date of the application is:			
A. Patent Application No(s): 10/202,483		B. Patent No(s):	
Additional numbers attached? ☐ Yes ☒ No			
Name and address of party to whom correspondence concerning document should be mailed:		Total number of applications and patents involved 1	
Name: William B. Kezer TOWNSEND AND TOWNSEND AND CREW LLP Two Embarcadero Center, 8 th Floor San Francisco, California 94111-3834		7. Total fee (37 CFR 3.41):	\$40.00
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(415) 576-0200		⊠ Authorized to be	e charged to deposit account
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William B. Kezer	//ill	-B.Kym	10.14.02
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Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks, Box Assignments

Washington, D.C. 20231

WC 9048006 v1 11/18/2002 LMUELLER 00000142 201430 10202483 01 FC:8021

> **PATENT REEL: 013487 FRAME: 0639**

Attorney Docket No.: 021153-000110US

ASSIGNMENT OF PATENT APPLICATION

SOLE

WHEREAS, Joseph A. Miller of 3103 Ashland Park, Greenville, NC 27834, hereinafter referred to as "Assignor," is the inventor of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention:

PROCESS FOR PREPARING UNSYMMETRICAL

BIARYLS AND ALKYLATED AROMATIC COMPOUNDS

FROM ARYLNITRILES

Date(s) of execution of Declaration:

Filing Date:

July 23, 2002

Application No.:

10/202,483

WHEREAS, DSM N.V., Het Overloon 1, 6411 TE Heerlen, The Netherlands, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has assigned, and by these presents does assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignor had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor further agrees that Assignor will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

PATENT REEL: 013487 FRAME: 0640 Assignment

Attorney Docket No.: 021153-000110US

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IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 10-2-02

Joseph A. Miller

SIGNATURE WITNESSED BY:

(1) Dated: 10-2-02

DGenov

(2) Dated: 10/2/07

WC 9046863 v1

PATENT REEL: 013487 FRAME: 0641

RECORDED: 10/21/2002