

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Nasir Hayat	06/14/2007
Meinolf Lange	07/10/2007
Fritz Link	06/04/2007
Christiane Neuhaus	07/03/2007
Bernhard Westermann	05/14/2007
RECEIVING PARTY DATA	
Name:	GIRINDUS AG
Street Address:	Buchenallee 20
City:	Bergisch Gladbach
State/Country:	GERMANY
Postal Code:	51427
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11629772
CORRESPONDENCE DATA	
Fax Number:	(302)658-5614
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	302-884-6586
Email:	emorrison@cblh.com
Correspondent Name:	Eamonn P. Morrison
Address Line 1:	The Nemours Building
Address Line 2:	1007 North Orange Street, P.O. Box 2207
Address Line 4:	Wilmington, DELAWARE 19899
ATTORNEY DOCKET NUMBER:	05129-00133-US
NAME OF SUBMITTER:	Eamonn P. Morrison

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Total Attachments: 7

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PATENT

REEL: 019607 FRAME: 0798

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made this _____ day of _____, _____, by Nasir HAYAT, Meinolf LANGE, Fritz LINK, Christiane NEUHAUS, Bernhard WESTERMANN (hereinafter referred to as Assignors), residing at Leipzigerstr. 12, 33647 Bielefeld, GERMANY; Zedernstrasse 2, 33649 Bielefeld (former address: Bultkamp 164, 33611 Bielefeld), GERMANY; c/o Girindus AG, Postfach 10 02 59, 51402 Bensberg, GERMANY; Am Steintor 16, 06112 Halle/Saale, GERMANY; Leibniz-Institut für Pflanzenbiochemie, Weinberg 3, 06120 Halle/Saale, GERMANY respectively;

WHEREAS, Assignors have invented certain new and useful improvements in METHOD FOR THE PRODUCTION OF 4-(ALPHA-HYDROXYALKYL)- 1,3 DIOXAN-5-ONES, set forth in a Patent application for which an International Application was filed on June 15, 2005, PCT/EP2005/052757, designating the United States; and

WHEREAS, GIRINDUS AG, a Corporation organized under and pursuant to the laws of Germany having its principal place of business at Buchenallee 20, 51427 BERGISCHE GLADBACH, GERMANY (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon (individually and collectively hereinafter also referred to as the "Letters Patent").

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns (provided that Assignee will bear the necessary costs accruing with such actions), whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification 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:

CONNOLLY BOVE LODGE & HUTZ LLP

All practitioners at Customer Number 23416

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

Date: 14.06.07

Signature: 
Nasir HAYAT

Date: _____

Signature: _____
Meinolf LANGE

Date: _____

Signature: _____
Fritz LINK

Date: _____

Signature: _____
Christiane NEUHAUS

Date: _____

Signature: _____
Bernhard WESTERMANN

418174

Date: _____

Signature: _____
Nasir HAYAT

Date: 10.7.2007

Signature: _____
Meinolf LANGE

Date: _____

Signature: _____
Fritz LINK

Date: _____

Signature: _____
Christiane NEUHAUS

Date: _____

Signature: _____
Bernhard WESTERMANN

418174

Date: _____

Signature: _____
Nasir HAYAT

Date: _____

Signature: _____
Meinolf LANGE

Date: *June 4/2007*

Signature: *[Signature]*
Fritz LINK

Date: _____

Signature: _____
Christiane NEUHAUS

Date: _____

Signature: _____
Bernhard WESTERMANN

418174

All practitioners at Customer Number 23416

AND Assignors acknowledge an obligation of assignment of this invention to
Assignee at the time the invention was made.

Date: _____ Signature: _____
Nasir HAYAT

Date: _____ Signature: _____
Meinolf LANGE

Date: _____ Signature: _____
Fritz LINK

Date: X 07.03.2007 Signature: C. Neuhaus X
Christiane NEUHAUS

Date: _____ Signature: _____
Bernhard WESTERMANN

418174

Date: _____

Signature: _____
Nasir HAYAT

Date: _____

Signature: _____
Meinolf LANGE

Date: _____

Signature: _____
Fritz LINK

Date: _____

Signature: _____
Christiane NEUHAUS

Date: 14.5.2007

Signature: 
Bernhard WESTERMANN

418174