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To the Director of the United States Patent and Trademark Office. Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): 1). Joerg KRISSMANN Franz NIERLICH OXENO Olefinchemie GmbH 2). Dirk ROETTGER Alfred KAIZIK Address: Paul-Baumann-Strasse 1, 45772 Marl, 3). Cornelia BORGMANN 7). Udo KNIPPENBERG **GERMANY** 4). Kerstin KAEMPER 8). Rainer MALZKORN Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No 3. Nature of Conveyance: ☐ Merger ☐ Change of Name ☐ Security Agreement ☐ Other Additional name(s) and address(es) attached?

Yes

No Execution Date: February 10, 2006 4. Application number(s) or patent number(s): This document is being filed together with a new application B. Patent No.(s) A. Patent Application No.(s) 10/562,454 Additional numbers attached? ☐ Yes ☒ No 5. Name and address of party to whom correspondence 6. Total applications and patents involved: 1 concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 Customer Number 22850 ☐ Authorized to be charged to deposit account Tel. (703) 413-3000 8. Deposit account number: 15-0030 Fax. (703) 413-2220 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. Statement and signature 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. Norman F. Oblon Name of Person Signing Surinder Sachar Registration Number: 24,618 Registration No. 34,423 Total number of pages including this cover sheet: 3 08/21/2006-HALTH --- 00000041 10562454

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PATENT REEL: 018206 FRAME: 0780

Assignment of Application

Page 1 of 2

Bert Names ND Residence DDRESS OF IS INVENTORS:	WHEREAS, I (WE)	1) Jörg KRISSMANN, 2) Dirk RÖTTGER, 3) Cornelia BORGMANN, 4) Kerstin								
	KÄMPER, 5) Franz NIERLICH, 6) Alfred KAIZIK, 7) Udo KNIPPENBERG, and									
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	2) Westerholter Weg 67, 45657 Recklinghausen, GERMANY;									
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	5) Vikariestraße 16, 45768 Marl, GERMANY; 6) Gendorfer Straße 30, 45772 Marl, GERMANY; 7) Wagnerstraße 13, 45772 Marl, GERMANY; and 8) 7070 Grelot Road 833, Mobile AL-36695, USA									
							SERT TITLE INVENTION:			
									, respective	vely,
							BERT DATE IN- ENTORS SIGNED	have invented certain new and useful improvements in: METHOD FOR PRODUCING 1-OCTENE FROM		
CLARATION:	CRACK-C4									
SERT NAME ID ADDRESS OP MPANY OR HER ASSIGNEE	for which an applicatio	n for Letters Patent was executed on								
	(Application No. PC	TITTO 410 do ma	, and							
	WHEREAS, OXENO Olefinchemie GmbH									
	(hereinafter referred to as "ASSIGNEE") having a place of business at: Paul-Baumann-Straße 1, 45772 Marl,									
	GERMANY									
	is desirous of acquiring may be granted therefo	the entire right, title and interest in and to said invention and in and to any Letters Patent in the United States and its territorial possessions and in any and all foreign countries;	that							

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

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Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P. C. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, 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.

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