CE UF PUBLIC RECORDS FORM PTO-1595 DEPARTMENT OF COMMERCE 2004 APR 12 AM 9: 56 Rev. 6-93) RECORD Patent and Trademark Office 102721324 PA TS1103 (US) FINANCE SECTION

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Eit DRENT - December 22, 2003 Willem Wabe JAGER - December 22, 2003 Shell Oil Company P.O. Box 2463 +. 12.0L 910 Louisiana Houston, Texas 77252-2463 Additional name(s) of conveying party(ies) attached?
Yes
No Nature of Conveyance: Massignment Change of Name Security Agreement ☐ Other Additional name(s) & address(es) attached? Yes No Execution Date: December 22, 2003 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: _ B. Patent No(s). A. Patent Application No(s). 10/737,651 Additional numbers attached? Yes No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: Donald F. Haas Shell Oil Company Intellectual Property P.O. Box 2463 910 Louisiana Houston, Texas 77252-2463 7 . Total fee (37 CFR 3.41):.....\$_40.00 Authorized to be charged to deposit account 8. Deposit account number: 19-1800 (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

Signature

04/14/2004 GTDN11 00000005 191800 10737651

Total number of pages including cover sheet, attachments, and document: 2

Donald F. Haas Name of Person Signing

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original document.

PATENT REEL: 015198 FRAME: 0062

TS 1103 USA ASSIGNMENT

WHEREAS I/we

Eit DRENT and Willem Wabe JAGER both Netherlands nationals of Badhuisweg 3, NL-1031 CM Amsterdam, the Netherlands

have invented a certain improvement in PROCESS FOR THE HYDROFORMYLATION OF EIHYLFNICALLY UNSATURATED COMPOUNDS IN THE PRESENCE OF AN ACID AND A MONO TERT-PHOSPHINE

WHEREAS I/we have executed an application for Letters Patent of the United States in connection with this invention on the

December 12 and 22, 2003

WHEREAS, SHELL OIL COMPANY, a Delaware Corporation is desirous of acquiring all rights to this invention in the United States:

NOW THEREFORE for valuable consideration received,

I/we Eit DRENT and Willem Wabe JAGER

hereby assign to SHELL OIL COMPANY, its successors and assigns, all rights to this invention in the United States of America, including all rights in the above-mentioned application and any patent which may be issued thereon in the United States and any other application which may be filed or patent which may be issued on said invention in the United States.

AND I/we hereby agree that I/we will upon request execute any instrument which SHELL OIL COMPANY desires to carry this assignment into effect and perfect the title transferred hereby or to prosecute the above-mentioned application.

AND the Commissioner of Patents of the United States is hereby authorized to issue Letters Patent of said application to the Assignee.

this

day of

Eit DRENT

Willem Wabe JAGER

2 witnesses of E DRENT

1) 8 10000

2)

2 witnesses of W W JAGER

1) 80000

2)

RECORDED: 04/12/2004

PATENT REEL: 015198 FRAME: 0063