FORM PTO-1595 (Rev. 6-93) 09-26-2001

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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

o the Honorable Commissioner of Patents and Trademarks. Please reco	rd the attached original documents or copy thereof.
Name of conveying party(ies):  Eric Johannes Maria DE BOER - August 29, 2001  Harry VAN DER HEJDEN - August 29, 2001  Nicolaas MEJJBOOM - August 29, 2001  Arie VAN ZON - September 3, 2001  Additional name(s) of conveying party(ies) attached?   Yes   No	2. Name and address of receiving party(ies):  Shell Oil Company P.O. Box 2463 900 Louisiana Houston, Texas 77252-2463
. Nature of Conveyance:  Assignment	Additional name(s) & address(es) attached?   Yes   No
••	nution days of the application in
If this document is being filed together with a new application, the exert A. Patent Application No(s).  09/894,680	B. Patent No(s).
Additional numbers atta	bhad? 🗀 Vas 🕅 No
Name: Yukiko Iwata Shell Oil Company Intellectual Property P.O. Box 2463 910 Louisiana Houston, Texas 77252-2463	
	7 . Total fee (37 CFR 3.41):
	8. Deposit account number:  19-1800  (Attach duplicate copy of this page if paying by deposit account)
2001 TDIAZI 00000208 191800 09894680 DO NOT USE T	THIS SPACE
To the best of my knowledge and belief, the foregoing information is true original document.	e and correct and any attached copy is a true copy of the

## **ASSIGNMENT**

WHEREAS we, Eric Johannes Maria De Boer, Harry Van Der Heijden, Nicolaas Meijboom, and Arie Van Zon, have invented a certain improvement in LIGANDS AND CATALYST SYSTEMS THEREOF FOR ETHYLENE OLIGOMERISATION TO LINEAR ALPHA OLEFINS.

WHEREAS we have executed an application for Letters Patent in the United States in connection with this invention.

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, we 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 in the United States.

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

AND the Commissioner of Patents of the United States is hereby authorized to issue

ERIC JOHANNES MARIA DE BOER

(Witness)

HARRY VAN DER HEIJDEN

2 q - 08 - 2001

Date

(Witness)

(Witness)

(Witness)

(Witness)

(Witness)

(Witness)

(Witness)

(Witness)

RECORDED: 09/20/2001

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PATENT REEL: 012186 FRAME: 0024