RECORDATION FO

PATENT

03-01-1999

ARTMENT OF COMMERCE Patent and Trademark Office

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To the Honorable Commissioner of Patents and Trademarks:	E: Please record the attached original documents or copy thereof.			
Name of conveying party(ies): Martyn Poliakoff Martin Georg Hitzler	Name and address of receiving party(ies): Name: Thomas Swan & Co. Ltd.			
	Address: Crookhall, Consett			
Additional names(s) of conveying party(ies)	County Durham			
3. Nature of conveyance:				
★ Assignment				
☐ Security Agreement ☐ Change of Name	City: State/Prov.:			
C Other	Country: United Kingdom ZIP: DH8 7ND			
Execution Date: November 9, 1998	Additional name(s) & address(es)			
Application number(s) or registration numbers(s): If this document is being filed together with a new application,	the execution date of the application is:			
Patent Application No. Filing date	B. Patent No.(s)			
09/155,660 October 1, 1998				
Additional numbers	☐ Yes ☐ No			
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:			
Name: Timothy M. Murphy	7. Total fee (37 CFR 3.41):\$ 40.00			
Registration No. 33,198	☐ Enclosed - Any excess or insufficiency should be			
Address: BROMBERG & SUNSTEIN LLP	credited or debited to deposit account			
125 Summer Street	☐ Authorized to be charged to deposit account			
	8. Deposit account number:			
City: Boston State/Prov.: MA	o. Doposit account number.			
Country: US ZIP: 02110				
DO NOT U	ISE THIS SPACE			
02/26/1999 JNATKINS 00000051 09153660 03. SetSument and signature. To the best of my knowledge and belief, the foregoing information of the original document.	ntion is true and correct and any attached copy is a true copy			
Timothy M. Murphy	February 18, 1999			
Name of Person Signing	Signature Date			
Total number of pages including c	over sneet, attachments, and			

REEL: 9782 FRAME: 0135

ASSIGNMENT

Serial	No.	РСТ	/GB9	7/01	014
Filed	11t	h A	pril	199	7

In consideration of One Dollar and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned inventor, or each inventor if more than one, hereby assigns to THOMAS SWAN & CO. LTD, a British company, of Crookhall, Consett, County Durham, DH8 7ND, United Kingdom its successors and assigns (hereinafter called "said assignee"), the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled: "SUPERCRITICAL HYDROGENATION"

executed by the undersigned on the 11 day of November, 1998, and in said application and any and all other applications for United States Letters Patent, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States which may be obtained on any of said applications, and in any reissue or extension thereof.

The undersigned hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to said assignee.

The undersigned hereby authorizes and requests the attorneys of record in said application to insert in this assignment the date and serial number of said application.

For said consideration, the undersigned hereby agrees, upon the request and at the expense of said assignee, to execute any divisional, continuation or substitute application for said invention or improvements, and any oath, declaration or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and, in the event of any application or Letters Patent assigned herein becoming involved in Interference, to cooperate to the best of the ability of the undersigned in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof. The undersigned agrees to perform, upon request, any affirmative acts to obtain said Letters Patent of the United States and vest in said assignee all rights therein, whereby said Letters Patent will be held and enjoyed by said assignee, 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 and enjoyed by the undersigned if this assignment had not been made.

And for said consideration, the undersigned hereby assigns to said assignee the entire right, title and interest in said invention or improvements for all foreign countries, including all priority rights under the International Convention, and agrees to execute, at the request of said assignee, all documents in connection with any application for foreign letters patent therefor.

Executed

this 9th day of Nov 1998

In the presence of:

STEPHEN IL ROSS

Martyn Poliakoff

Mart∳n Georg Hitzler

PATENT REEL: 9782 FRAME: 0136

RECORDED: 02/22/1999