WI 29 W	2-05-2001 Patent and Trademark Off Our Ref.: 608 101906897 Our Ref.: 608
1. Name of conveying party(ies): Stanley J. Becker Bruce L. Willliams Timothy C. Bristow Michele Fiorentino $11 - 2 - 9 - 01$ David Newton	2. Name and address of receiving party(ies): Name: <u>BP Chemicals Limited</u> Internal Address: Street Address: Britannic House, 1 Finsbury Circus
Additional name/s of conveying party/ies attached?	City: London State/Country: England Zip: EC2M 7BA
Execution Date: November 5, 2001, November 5, 2001, October 1, 2001, November 5, 2001 and November 5, 2001, respectively.	Additional name/s & address/es attached? Yes X No
 Application number(s) or patent number(s): If this document is being filed together with a new application, the exec 	ution date of the application is:
 A. Patent Application No(s). (1) 09/964,881 (2) (3) Additional numbers 	B. Patent No(s). (1) (2) (3) s attached \Box Yes \boxtimes No
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications & patents involved: 1
Name: Leonard C. Mitchard	7. Total fee (37 CFR 3.41) \$ 40.00 Enclosed Authorized to be charged to deposit account #14-1140
Internal Address:	8. The Commissioner is hereby authorized to charge any <u>deficiency</u> , or credit any overpayment, in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper thereafter filed in this application by this firm) to our Account No. 14-1140.
DO NOT	USE THIS SPACE
9. Statements and signature. To the best of my knowledge and belief, the foregoing infor of the original document.	mation is true and correct and any attached copy is a true copy
Leonard C. Mitchard Name of Person Signing	November 29, 2001 Signature Date
Reg. No. 29,009	riginal cover sheet, attachments, and document: [3]
D/2001 EAREGAY1 00000024 09964881	

ASSIGNMENT

WHEREAS, WE, BECKER, Stanley John, BRISTOW, Timothy Crispin, NEWTON, David, WILLIAMS, Bruce Leo, all subjects of the Queen of Great Britain, residing at 103 Crockford Park Road, Addlestone, Surrey, KT15 2LP, United Kingdom, 31 The Leases, Beverley, East Yorkshire, HU17 8LJ, United Kingdom, 28 Crondall Lane, Farnham, Surrey, GU9 7BQ, United Kingdom, The Willows, 4 Glenrock Park, Brough, East Yorkshire, HU15 1HF, United Kingdom, respectively and FIORENTINO, Michele of Italian Nationality, residing at 50 Cours Mirabeau, **\$3100** Aix En Provence, France, have invented certain new and useful improvements in "Apparatus & Process for Heat Exchange With Fluid Beds " for which WE have executed application for Letters Patent of the United States on the

16th days of October 2001

AND, WHEREAS BP Chemicals Limited having place of business at Britannic House, 1 Finsbury Circus, London EC2M 7BA, United Kingdom, is desirous of obtaining the entire right, title and interest in, to and under the said invention and any improvements thereon; the said application; any and all applications therefor in the United States and all foreign countries, and any and all Letters Patent which may be issued thereupon in the United States and in all foreign countries;

NOW THEREFORE, for valuable consideration, the receipt and adequacy of which is hereby acknowledged, WE, the said BECKER, Stanley John, BRISTOW, Timothy Crispin, FIORENTINO, Michele, NEWTON, David and WILLIAMS, Bruce Leo have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto BP Chemicals Limited their successors, legal representatives and assigns, the entire right, titles and interest in, to and under the said invention and any improvements thereon including priority rights; the said application, and all divisions, renewals and continuations thereof; all Letters Patent of the United States which may be granted thereon, and all reissues and extensions thereof; and any and all Letters Patent on said invention, and applications therefor, in any and all countries foreign to the United States of America, and we hereby authorise and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for said invention and application, or applications resulting therefrom in accordance with the terms of this instrument.

AND WE HEREBY covenant that WE have full right to convey the entire interest herein assigned, and that WE have not executed, and will not execute any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that we will communicate to the assignee herein, its successors, legal representatives and assigns any facts known to us respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful declarations, and generally do everything possible to aid the assignee herein, its successors, legal representatives and assigns in obtaining and enforcing proper patent protection for said invention in the United States and all foreign countries.

Dated:	Witnessed:
BECKER, Stanley John	
Dated:	Witnessed
BRISTOW, Timothy Crispin Dated: 16/10/01 Colling Toole Colling FIORENTINO, Michele	Witnessed M. BLENORD BERNARD, MONTIGUE
Dated:	Witnessed
NEWTON, David	
Dated:	Witnessed
WILLIAMS, Bruce Leo	

PATENT REEL: 012331 FRAME: 0023

CASE NO. BPCL 9318

USA

ASSIGNMENT

WHEREAS, WE, BECKER, Stanley John, BRISTOW, Timothy Crispin, NEWTON, David, WILLIAMS, Bruce Leo, all subjects of the Queen of Great Britain, residing at 103 Crockford Park Road, Addlestone, Surrey, KT15 2LP, United Kingdom, 31 The Leases, Beverley, East Yorkshire, HU17 8LJ, United Kingdom, 28 Crondall Lane, Farnham, Surrey, GU9 7BQ, United Kingdom, The Willows, 4 Glenrock Park, Brough, East Yorkshire, HU15 1HF, United Kingdom, respectively and FIORENTINO, Michele of Italian Nationality, residing at 50 Cours Mirabeau, \$3100 Aix En Provence, France, have invented certain new and useful improvements in "Apparatus & Process for Heat Exchange With Fluid Beds " for which WE have executed application for Letters Patent of the United States on the 8th & 12th days of October and 5th days of November 2001AND, WHEREAS BP Chemicals Limited having place of business at Britannic House, 1 Finsbury Circus, London EC2M 7BA, United Kingdom, is desirous of obtaining the entire right, title and interest in, to and under the said invention and any improvements thereon; the

said application; any and all applications therefor in the United States and all foreign countries, and any and all Letters Patent which may be issued thereupon in the United States and in all foreign countries;

NOW THEREFORE, for valuable consideration, the receipt and adequacy of which is hereby acknowledged, WE, the said BECKER, Stanley John, BRISTOW, Timothy Crispin, FIORENTINO, Michele, NEWTON, David and WILLIAMS, Bruce Leo have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over. unto BP Chemicals Limited their successors, legal representatives and assigns, the entire right, titles and interest in, to and under the said invention and any improvements thereon including priority rights; the said application, and all divisions, renewals and continuations thereof; all Letters Patent of the United States which may be granted thereon, and all reissues and extensions thereof; and any and all Letters Patent on said invention, and applications therefor, in any and all countries foreign to the United States of America, and we hereby authorise and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for said invention and application, or applications resulting therefrom in accordance with the terms of this instrument.

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	foreign countries D	all foreig
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	NEWTON, David	
Witnessed _>		Dated:
e Leo	WILLIAMS, Bruce Leo	
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RECORDED: 11/29/2001

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REEL: 012331 FRAME: 0024