

11-30-1999

B/O FORM PTO-1595 (Rev. 6/93)

U.S. Department of Commerce
Patent and Trademark Office

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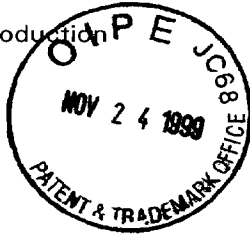
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WRD 11.24.99

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copies thereof.

1. Name of Conveying Party(ies):
Elf Exploration Production

Additional names of conveying parties attached.



2. Name and Address of Receiving Party(ies):
Name: **Cyclotech Limited**

Internal Address:

Street Address: Ringway House, Bell Road
Daneshill, Basingstoke

City, State, Zip: Hampshire, ENGLAND,
RG 248FB

Additional name(s) and address(es) attached.

3. Nature of Conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other:

Execution

4. (A) Patent Application Number(s):

If this document is being filed together with a new application, the execution date of the application is:

Additional Numbers Attached.

4. (B) Patent Number(s):
U.S. Patent No. 5,616,244 issued April 1, 1997,
for "Cyclone Separator Having an Incorporated Coalescer"

5. Name and Address of Party to whom Correspondence Concerning this Document Should be Mailed:

Name: **Charles R. Wolfe, Jr. (Seureau)**

Address: **Bacon & Thomas, PLLC**
625 Slaters Lane Fourth Floor
Alexandria, VA 22314

Total Number of Applications and Patents Involved:	1
7. Total Fee: (37 CFR 3.41)	\$40.00
<input checked="" type="checkbox"/> Enclosed	
<input type="checkbox"/> Authorized to be charged to deposit account	
8. Deposit Account Number:	02-0200

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 is true and correct and any attached copy is a true copy of the original document.

Charles R. Wolfe, Jr. November 24, 1999

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments and document: **Six (6)**

11/30/1999 INUYEN 00000079 5616244

01 FC:581

40.00 DP

PATENT
REEL: 010395 FRAME: 0269

ASSIGNMENT

by

ELF EXPLORATION PRODUCTION, having a place of business at Tour ELF, 2, Place de la Coupole, 92400 - COURBEVOIE, (the "Assignor")

in favour of

CYCLOTECH LIMITED, having its principal place of business at Ringway House, Bell Road, Daneshill, Basingstoke, Hampshire, England, RG 248FB, (The "Assignee")

WHEREAS

- (A) The Assignor is the proprietor of an invention entitled "Cyclone separator having an incorporated coalescer", ("the Invention") and the registered proprietor and beneficial owner of the Patents and Patent Applications listed in the Schedule ("the Patents") pending or issued in respect of the Invention; and
- (B) The Assignor has agreed to assign its whole right title and interest in and to the Patents to the Assignee for the consideration hereinafter mentioned.

NOW THEREFORE the parties hereby agree as follows :

1. In consideration of the sum of £12.000 (Twelve thousand pounds) paid by the Assignee to the Assignor, the receipt whereof is hereby acknowledged, the Assignor as registered proprietor hereby assigns with full title guarantee absolutely to the Assignee free from all encumbrances its whole right, title and interest in and to the Patents together with all rights, powers, privileges and immunities arising or accrued therefrom or conferred on the proprietor thereof by the grant of the Patents including the right to recover and take all such proceedings as may be necessary for the recovery of damages and other remedies in respect of any infringement of any of the Patents or any acts within the scope of the claims of any published specification of any of the Patents therefor whether committed before or after the date hereof.
2. At the request and cost of the Assignee the Assignor hereby undertakes that it will at all times hereafter do all such acts and execute all such deeds or documents as may

be necessary or desirable effectively to vest in the Assignee and its successors in title all the rights assigned to the Assignee hereunder and to ensure that the Assignee is registered as the proprietor of each of the Patents in each of the countries where the same is registered and to confer on the Assignee all rights of action in relation to any infringement outstanding at the date hereof accrued or accruing.

3. The Assignor hereby warrants that it has good title to and is the registered proprietor and beneficial owner of each of the Patents and that each of the Patents is subsisting and that nothing has been done nor has any event occurred whereby the same may be declared void or terminated and that it has full right to convey the entire interests herein assigned and that it has not done or omitted to be done any act, matter or thing which may be in conflict with the rights assigned hereunder or whereby its title may be impugned or encumbered.
4. It is hereby certified that this transaction does not form part of a larger transaction or of a series of transactions in respect of which the amount or value or the aggregate amount of value of the consideration exceeds the sum of Sixty Thousand Pounds (£60,000) : IN WITNESS WHEREOF this deed consisting of this and the preceding page is, together with the Schedule annexed and executed as relative hereto, executed as follows :

At Pau, France
By François DAVIAU

on 3rd march 99.

p.o. *P. Malzac*

for and on behalf of Elf Exploration Production

P. MALZAC
R&D Business Manager

At Basingstoke, England
By

on 8 March, 1999

[Signature]

For and on behalf of Cyclotech Limited

FICHE DE CONSULTATION DE DOSSIER

N° DOSSIER : DPI6535.01

CLASSEMENT : NON

TITRE : SEPARATEUR A CYCLONE AYANT UN COALESCEUR INCORPORE.

INGENIEUR : CHARLES TIMONEY
 ORIGINE : BOUSSENS
 AFFECTATION : EEP/CRD/RECHERCHE
 DOMAINE : EXPLORATION-PRODUCTION
 AXE : ENVIRONNEMENT/SECURITE
 PROJET / N° : REJET DES EAUX DE PRODUCTION / 1132032
 OBSERVATIONS :

PRIORITE(S) * : DPI6535.01.FR.BN
 MOT-CLE :
 DOSSIERS LIES : DOS6535.01
 CONTRATS LIES :

Pays	Type	Sit.	Agent	Dépot	Examen	Publication	Accord	Expiration	Ret/Abd	Annuité
FRANCE										
INVENTEUR(S) : 1.2.	BN	1	FR538	31-MAR-95		04-OCT-96	23-MAI-97	31-MAR-15		31-MAR-99
TITULAIRE(S) : 1.				95 03825		2.732.234	95 03825			05
PROPRIETAIRE(S) : 1.										335.00
FRANCE										
INVENTEUR(S) : 1.2.	* OEB	1	DE309							
TITULAIRE(S) : 1.										
PROPRIETAIRE(S) : 1.										
PROCEDURE EUROPEENNE										
INVENTEUR(S) : 1.2.	* OEB	1	DE309	26-MAR-96		02-OCT-96				31-MAR-99
TITULAIRE(S) : 1.				96400368.1		0 734 751				04
PROPRIETAIRE(S) : 1.										2760.00
ALLEMAGNE										
INVENTEUR(S) : 1.2.	* OEB	1	DE309							
TITULAIRE(S) : 1.										
PROPRIETAIRE(S) : 1.										
AUSTRALIE										
INVENTEUR(S) : 1.2.	* BN	1	FR538	20-MAR-96			13-AOU-98	20-MAR-16		20-MAR-99
TITULAIRE(S) : 1.				48158/96			690.821			04
PROPRIETAIRE(S) : 1.										0.00
AUTRICHE										
INVENTEUR(S) : 1.2.	* OEB	1	DE309							
TITULAIRE(S) : 1.										
PROPRIETAIRE(S) : 1.										
BELGIQUE										
INVENTEUR(S) : 1.2.	* OEB	1	DE309							
TITULAIRE(S) : 1.										
PROPRIETAIRE(S) : 1.										
CANADA										
INVENTEUR(S) : 1.2.	* BN	1	CA018	29-MAR-96				29-MAR-16		29-MAR-99
TITULAIRE(S) : 1.			11530-0187	2.173.087						02
PROPRIETAIRE(S) : 1.										500.00
DANEMARK										
INVENTEUR(S) : 1.2.	* OEB	1	DE309							
TITULAIRE(S) : 1.										
PROPRIETAIRE(S) : 1.										

SCHEDULE

N° DOSSIER : DPI6535.01

FICHE DE CONSULTATION DE DOSSIER

Pays	Type	Sit.	Agent	Dépot	Examen	Publication	Accord	Expiration	Ret/Abd	Annuité
ESPAGNE	*	OEB	1	DE309						
INVENTEUR(S) : 1.2.										
TITULAIRE(S) : 1.										
PROPRIETAIRE(S) : 1.										
ETATS-UNIS	*	BN	1	FR538			01-AVR-97 5.616.244	18-MAR-16		01-OCT-00 1 6088.00
INVENTEUR(S) : 1.2.										
TITULAIRE(S) : 1.										
PROPRIETAIRE(S) : 1.										
GRECE	*	OEB	1	DE309						
INVENTEUR(S) : 1.2.										
TITULAIRE(S) : 1.										
PROPRIETAIRE(S) : 1.										
IRLANDE	*	OEB	1	DE309						
INVENTEUR(S) : 1.2.										
TITULAIRE(S) : 1.										
PROPRIETAIRE(S) : 1.										
ITALIE	*	OEB	1	DE309						
INVENTEUR(S) : 1.2.										
TITULAIRE(S) : 1.										
PROPRIETAIRE(S) : 1.										
LUXEMBOURG	*	OEB	1	DE309						
INVENTEUR(S) : 1.2.										
TITULAIRE(S) : 1.										
PROPRIETAIRE(S) : 1.										
NORVEGE	*	BN	1	NO047			01-AVR-96 96.1323	01-AVR-16		01-AVR-99 04 850.00
INVENTEUR(S) : 1.2.										
TITULAIRE(S) : 1.										
PROPRIETAIRE(S) : 1.										
PAYS-BAS	*	OEB	1	DE309						
INVENTEUR(S) : 1.2.										
TITULAIRE(S) : 1.										
PROPRIETAIRE(S) : 1.										
PORTUGAL	*	OEB	1	DE309						
INVENTEUR(S) : 1.2.										
TITULAIRE(S) : 1.										
PROPRIETAIRE(S) : 1.										
ROYAUME-UNI	*	OEB	1	DE309						
INVENTEUR(S) : 1.2.										
TITULAIRE(S) : 1.										
PROPRIETAIRE(S) : 1.										
SUÈDE	*	OEB	1	DE309						
INVENTEUR(S) : 1.2.										
TITULAIRE(S) : 1.										
PROPRIETAIRE(S) : 1.										
SUISSE	*	OEB	1	DE309						
INVENTEUR(S) : 1.2.										
TITULAIRE(S) : 1.										
PROPRIETAIRE(S) : 1.										
TOTAL :										10533.00

N° DOSSIER : DPI6535.01

FICHE DE CONSULTATION DE DOSSIER

INVENTEUR(S) 1. SEUREAU JACQUES
2. HOYACK MARK
TITULAIRE(S) 1. ELF AQUITAINE PRODUCTION
PROPRIETAIRE(S) 1. ELF AQUITAINE PRODUCTION

RESUME :
UN COALESCEUR A BROSES EST MONTE AUTOUR DE LA PARTIE TUBULAIRE D'UN SEPARATEUR A CYCLONE
AFIN DE FOURNIR UNE ETAPE DE TRAITEMENT ADDITIONNELLE SANS AUGMENTATION DU VOLUME DE
L'ENSEMBLE.