

04-23-2003



RECORDED 102428092

ET

4-15-03

PATENTS ONLY

Our Ref.: 2764-126

Commissioner of Patents and Trademarks
Box Assignment, Washington, D.C. 20231

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

1. Name of conveying party(ies):
 Wilson Kenzo Huziware Luiz Carlos Casavechia
 Eduardo Cardoso De Melo Guerra José Mozart Fusco
 Waldir Pedro Martignoni
 Aurélio Medina Dubois

Additional name/s of conveying party/ies attached?

3. Nature of conveyance:
 Assignment Merger
 Security Assignment Change of Name
 Other

Execution Date: 04/04/03; 04/04/03; 03/27/03; 04/04/03;
 03/27/03; 04/11/03

2. Name and address of receiving party(ies):
 Name: Petroleo Brasileiro S.A. - Petrobras
 Internal Address:
 Street Address: Avenida Republica do Chile 65
 City: Rio de Janeiro, RJ
 State/Country: Brazil
 Zip: _____

Additional name/s & address/es attached? Yes No

jc996 U.S. PTO
10/13223
04/15/03

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: 04/04/03; 04/04/03; 03/27/03;
 04/04/03; 03/27/03; 04/11/03

A. Patent Application No(s). 10413223
 (1) TO BE ASSIGNED
 (2)
 (3)

B. Patent No(s).
 (1)
 (2)
 (3)

Additional numbers attached Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
 Name: Michelle N. Lester
 Internal Address: _____
 Street Address: Nixon & Vanderhye P.C.
1100 North Glebe Road
8th Floor
 City: Arlington State: VA Zip: 22201

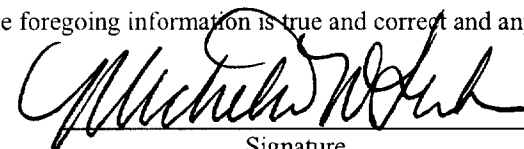
6. Total number of applications & patents involved: 1

7. Total fee (37 CFR 3.41) \$ 40.00
 Enclosed
 Authorized to be charged to deposit account #14-1140

8. The Commissioner is hereby authorized to charge any deficiency 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 information is true and correct and any attached copy is a true copy of the original document.

Michelle N. Lester  _____
 Name of Person Signing Signature Date April 15, 2003
 Reg. No. 32,331

Total number of pages including original cover sheet, attachments, and document: [3]

04/15/2003 FFANAEIA 00000043 10413223
02 C:802 40.00 OP

Please return to:

ASSIGNMENT OF
U.S. RIGHTS ONLY

NIXON & VANDERHYE, P.C.
1100 North Glebe Road
Eighth Floor
Arlington, VA 22201-4714

Atty. Dkt. _____

**ASSIGNMENT
OF UNITED STATES
PATENT APPLICATION**
(to Corporation or Limited Partnership)

FOR
REGULAR
APPLICATION
ONLY

**For Sole or Joint
Inventors**

WHEREAS, the undersigned inventor(s), namely:

INSERT NAME(S) OF INVENTOR(S)	(1) WILSON KENZO HUIZWARA	(2) EDUARDO CARDOSO DE MELO GUERRA
	(3) WALDIR PEDRO MARTIGNONI	(4) AURÉLIO MEDINA DUBOIS
	(5) LUIZ CARLOS CASAVECHIA	(6) JOSÉ MOZART FUSCO
	(7)	(8)
	(hereinafter collectively ASSIGNOR)	

have made an invention known as Dkt. _____ And

ENTITLED **SECOND STAGE CYCLONE DIPLEG TERMINATION DEVICE IN FCC
UNITS**

for which an application for Letters Patent of the United States was

executed on even date herewith;

executed on _____; and/or

filed on _____ as United States Application Serial No. 0 / _____ in the United States Patent
and Trademark Office

AND WHEREAS **Petroleo Brasileiro S.A. - PETROBRAS** (hereinafter ASSIGNEE)

a corporation Limited Partnership

duly organized and existing under the laws of **BRAZIL** and having its principal office and place of business at

Avenida Republica do Chile 65, Rio de Janeiro, RJ, Brazil

is desirous of acquiring an interest therein;

NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOR, does hereby sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives, ASSIGNOR'S entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in and to the invention, and to the said application and to all subsequent applications including any and all continuations, divisions, reissues and substitutes of said application, and all resulting patents;

AND the undersigned ASSIGNOR hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE;

AND the undersigned ASSIGNOR hereby agrees to testify and execute any papers requested by ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred;

AND the undersigned ASSIGNOR hereby authorizes Nixon & Vanderhye, P.C. of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

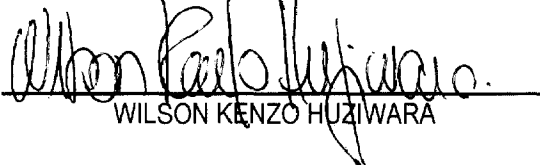
ASSIGNMENT
(continued)

Executed on the date(s) below indicated:

ASSIGNOR(S) / INVENTOR(S)

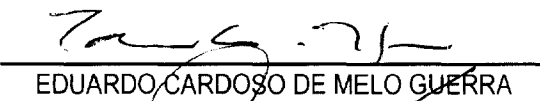
DATE SIGNED

WITNESSES

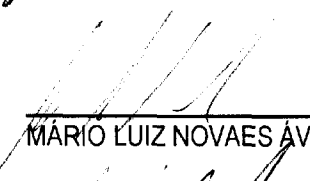
1) Name: 
WILSON KENZŌ HUZIWARA

04th April, 2003


MÁRIO LUIZ NOVAES ÁVILA

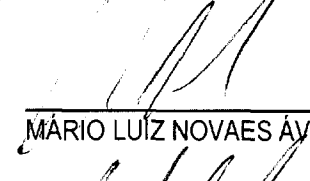
2) Name: 
EDUARDO CARDOSO DE MELO GUERRA


04th April, 2003


MÁRIO LUIZ NOVAES ÁVILA

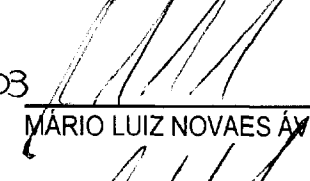
3) Name: 
WALDIR PEDRO MARTIGNONI


27th March, 2003


MÁRIO LUIZ NOVAES ÁVILA

4) Name: 
AURÉLIO MEDINA DUBOIS


04th April, 2003


MÁRIO LUIZ NOVAES ÁVILA

5) Name: 
LUIZ CARLOS CASAVECHIA

27th March, 2003


MÁRIO LUIZ NOVAES ÁVILA

3) Name: 
JOSÉ MOZART FUSCO

11th April, 2003


MÁRIO LUIZ NOVAES ÁVILA