

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT														
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Assignee's name previously recorded on Reel 022163 Frame 0493. Assignor(s) hereby confirms the Assignment.														
CONVEYING PARTY DATA															
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Olivier ELSHOCHT</td><td>07/17/2008</td></tr><tr><td>John HORNSBY</td><td>07/26/2008</td></tr><tr><td>Joel GRAD</td><td>07/17/2008</td></tr><tr><td>Panagiotis ARKOUDOPOULOS</td><td>07/18/2008</td></tr><tr><td>Philip MARIVOET</td><td>07/17/2008</td></tr><tr><td>Tom APPERMONT</td><td>08/03/2008</td></tr></tbody></table>		Name	Execution Date	Olivier ELSHOCHT	07/17/2008	John HORNSBY	07/26/2008	Joel GRAD	07/17/2008	Panagiotis ARKOUDOPOULOS	07/18/2008	Philip MARIVOET	07/17/2008	Tom APPERMONT	08/03/2008
Name	Execution Date														
Olivier ELSHOCHT	07/17/2008														
John HORNSBY	07/26/2008														
Joel GRAD	07/17/2008														
Panagiotis ARKOUDOPOULOS	07/18/2008														
Philip MARIVOET	07/17/2008														
Tom APPERMONT	08/03/2008														
RECEIVING PARTY DATA															
<table border="1"><tr><td>Name:</td><td>SONY SERVICE CENTRE (EUROPE) N.V.</td></tr><tr><td>Street Address:</td><td>Technologielaan 7</td></tr><tr><td>City:</td><td>Londerzeel</td></tr><tr><td>State/Country:</td><td>BELGIUM</td></tr><tr><td>Postal Code:</td><td>1840</td></tr></table>		Name:	SONY SERVICE CENTRE (EUROPE) N.V.	Street Address:	Technologielaan 7	City:	Londerzeel	State/Country:	BELGIUM	Postal Code:	1840				
Name:	SONY SERVICE CENTRE (EUROPE) N.V.														
Street Address:	Technologielaan 7														
City:	Londerzeel														
State/Country:	BELGIUM														
Postal Code:	1840														
PROPERTY NUMBERS Total: 1															
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12373894</td></tr></tbody></table>		Property Type	Number	Application Number:	12373894										
Property Type	Number														
Application Number:	12373894														
CORRESPONDENCE DATA															
Fax Number: (703)413-2220 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone: (703) 413-3000															
Email: mpena@oblon.com															
Correspondent Name: Oblon, Spivak, et al.															
Address Line 1: 1940 Duke Street															
Address Line 4: Alexandria, VIRGINIA 22314															
ATTORNEY DOCKET NUMBER:	330530US8PCT														

OP \$40.00 12373894

500771511

PATENT  
REEL: 022201 FRAME: 0909

NAME OF SUBMITTER:

Teresa Pena

Total Attachments: 3

source=330530US ASSIGNMENT#page1.tif

source=330530US ASSIGNMENT#page2.tif

source=330530US ASSIGNMENT#page3.tif

PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.1

01/27/2009  
500764696

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Olivier ELSHOCHT</td><td>07/17/2008</td></tr><tr><td>John HORNSBY</td><td>07/26/2008</td></tr><tr><td>Joel GRAD</td><td>07/17/2008</td></tr><tr><td>Panagiotis ARKOUDOPOULOS</td><td>07/18/2008</td></tr><tr><td>Philip MARIVOET</td><td>07/17/2008</td></tr><tr><td>Tom APPERMONT</td><td>08/03/2008</td></tr></tbody></table>	Name	Execution Date	Olivier ELSHOCHT	07/17/2008	John HORNSBY	07/26/2008	Joel GRAD	07/17/2008	Panagiotis ARKOUDOPOULOS	07/18/2008	Philip MARIVOET	07/17/2008	Tom APPERMONT	08/03/2008	
Name	Execution Date														
Olivier ELSHOCHT	07/17/2008														
John HORNSBY	07/26/2008														
Joel GRAD	07/17/2008														
Panagiotis ARKOUDOPOULOS	07/18/2008														
Philip MARIVOET	07/17/2008														
Tom APPERMONT	08/03/2008														
RECEIVING PARTY DATA															
Name:	SONY SERVICE CENTRE (EUROPE) N.V. Belgian body corporate														
Street Address:	Technologielaan 7														
City:	Londerzeel														
State/Country:	BELGIUM														
Postal Code:	1840														
PROPERTY NUMBERS Total: 1															
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12373894</td></tr></tbody></table>	Property Type	Number	Application Number:	12373894											
Property Type	Number														
Application Number:	12373894														
CORRESPONDENCE DATA															
Fax Number:	(703)413-2220														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone:	(703) 413-3000														
Email:	kcapers@oblon.com														
Correspondent Name:	Oblon, Spivak, et al.														
Address Line 1:	1940 Duke Street														
Address Line 4:	Alexandria, VIRGINIA 22314														
ATTORNEY DOCKET NUMBER:	330530US8PCT														
NAME OF SUBMITTER:	Keena Capers														

OP \$40.00 12373894

USPTO

1/29/2009 11:30:03 AM

PAGE

5/005

Fax Server

TO: OBLON, SPIVAK, ET AL. COMPANY: 1940 DUKE STREET

Total Attachments: 1

source=330530USASSIGNMENT#page1.tif

## ASSIGNMENT OF PATENT APPLICATION

(Inventors)

- (1) Olivier ELSHOCHT a citizen of Belgium of: Rue des Egyptiens 23 B-1050 Ixelles Belgium
- (2) John HORNSBY a citizen of United Kingdom of: Loostraat 58 B-3724 Kortesseem Belgium
- (3) Joel GRAD a citizen of Belgium of: Place Adelin Lheureux 3/2 B-4287 Lincent Belgium
- (4) Panagiotis ARKOUDOPOULOS a citizen of Belgium of: Kesseldallaan 36 Bus 302 B-3010 Kessel- LO Belgium
- (5) Philip MARIVOET a citizen of Belgium of: Hoegaarden straat 40 B-3300 Tienen Belgium
- (6) Tom APPERMONT a citizen of Belgium of: Sint-Truidsersteemweg 98 B-3500 Hasselt Belgium

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(Assignee) (5)

SONY SERVICE CENTRE (EUROPE) N.V. Belgian body corporate

(Address) (6) of

Technologielaan 7 1840 Londerzeel Belgium

(hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, and for the country of

(Other Countries)

(7) \_\_\_\_\_ in the invention, and all applications for patent and any Letters Patent which may granted therefor, known as

(Title)

(8) DEMODULATOR DEVICE AND METHOD OF OPERATING (Case No)  
THE SAME

for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed

(9) on

or has already filed in

(10) U.S. appln Serial Number

filed on

(11) The undersigned acknowledges an obligation of assignment of this invention to said assignee at the time the invention was made

1) The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

2) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of valid United States patent to the Assignee.

3) The undersigned hereby authorize(s) and request(s) the Communication of Patents to issue any and all Letters patent of the United States resulting from said application or any division or divisions or continuing thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

4) The undersigned hereby grant(s) the firm of **Oblon Spivak McClelland Maier & Neustadt, P.C.** the power to insert on this assignment any further identification which may be necessary to desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).

Date 17/07/2008 Signature of Inventor [Signature] (1)

Date 26/7/2008 Signature of Inventor [Signature] (2)

Date 17/07/2008 Signature of Inventor [Signature] (3)

Date 18/07/2008 Signature of Inventor [Signature] (4)

Date 17/07/2008 Signature of Inventor [Signature] (5)

Date 03/08/2008 Signature of Inventor [Signature] (6)

Witness [Signature] Date 12/08/08

Witness [Signature] Date 12/08/08

PATENT