

Atty Docket No.: 282808US8X

FORM PTO-1595
06-04

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To the Director of the United States Patent and Trademark Office. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Dragan KRUPEZEVIC
Mohamed RATNI

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):
Name: SONY DEUTSCHLAND GmbH
Address: Hugo-Eckener-Str. 20,
50829 Koeln
GERMANY

Additional name(s) and address(es) attached? Yes No

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other - Assignment previously recorded at Reel
017601, Frame 0834 contained an error in the
Assignee name. Assignment re-recorded to correct
error at stated Reel

Execution Date: November 8, 2005

4. Application number(s) or patent number(s):
 This document is being filed together with a new application

A. Patent Application No.(s)
11/291,406

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence
concerning document should be mailed:

Customer Number
22850
Tel. (703) 413-3000
Fax. (703) 413-2220

6. Total applications and patents involved: 1
7. Total fee (37 CFR 3.41): \$40.00
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8. Deposit account number: 15-0030
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9. Statement 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.

Bradley D. Lytle
Name of Person Signing

MM
Signature

6/13/06
Date

Registration Number: 40,073

Marvin J. Spivak
Registration Number **24913**
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5/11/06 11:24 PAGE 004/004 Fax Server

US/09/2006
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Atty Docket No.: 282808US-8-X

FORM PTO-105
2-2004

RECORDATION FORM COVER SHEET
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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Director of the United States Patent and Trademark Office. Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): (1) Dragan KRUPEZEVIC (2) Mohamed RATNI</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies): Name: SONY INTERNATIONAL (EUROPE) GmbH Address: Hugo-Eckener-Str. 20 50829 Koeln Germany</p> <p>Additional name(s) and address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Name of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other</p> <p>Execution Date: (1) August 11, 2005 (2) November 8, 2005</p>	

4. Application number(s) or patent number(s):
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A. Patent Application No. (s)
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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.

Bradley D. Lyde
Name of Person Signing

Joseph Scafetta, Jr.
Signature

MAY 9 2006
Date

Registration Number: 40,073

Joseph Scafetta, Jr.
Registration No. 26,803

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1.06.06
01.06.2006
[Handwritten initials and signatures]

ASSIGNMENT

WHEREAS, I, as below named inventors, residing at the addresses stated next to our names, am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in

Ultra wideband antenna S04P5218JP00 PAE04-026WSL
for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my name and address:

SONY DEUTSCHLAND GMBH
AND WHEREAS, ~~SONY INTERNATIONAL (EUROPE) GmbH~~, a German corporation, with offices at Hugo-Eckener-Str. 20, 50829 K8ln, GERMANY (hereinafter referred to as ASSIGNEE) is desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other ~~benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto,~~ and I hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto;

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters patent which may be granted for my aforesaid invention, as the ASSIGNEE thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

And I hereby authorize and request my attorney(s) of record in this application to insert the serial number and filing date of this application in the spaces that follow: Serial Number: ~~XXXXXX~~ 11/291,406, filed December 1, 2005

This assignment executed on the dates indicated below.

Dr.-Ing. Dragan Krupcevic
Name of first or sole inventor
BelaustraÙe 21, 70195 Stuttgart, GERMANY
Residence of first or sole inventor
[Signature]
Signature of first or sole inventor
08.11.2005
Date of this assignment
Execution date of U.S. Patent Application

Dr. Mohamed Retni
Name of second inventor
ZollbergstraÙe 39, 73734 Esslingen, GERMANY
Residence of second inventor
[Signature]
Signature of second inventor
November 08. 2005
Date of this assignment
Execution date of U.S. Patent Application

Name of third inventor
Execution date of U.S. Patent Application

Residence of third inventor
Signature of third inventor
Date of this assignment

1.06.06
01.06.2006
[Handwritten signatures and initials]

ASSIGNMENT

WHEREAS, I, as below named inventors, residing at the addresses stated next to our names, am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in

Ultra wideband antenna S04P5218JP00 PAE04-026WSL

for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my name and address;

AND WHEREAS, ~~SONY INTERNATIONAL (EUROPE) GmbH~~ **SONY DEUTSCHLAND GMBH**, a German corporation, with offices at Hugo-Eckener-Str. 20, 50829 Köln, GERMANY (hereinafter referred to as ASSIGNEE) is desirous of acquiring all interest in, to and under said invention. said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto;

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters patent which may be granted for my aforesaid invention, as the ASSIGNEE thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

And I hereby authorize and request my attorney(s) of record in this application to insert the serial number and filing date of this application in the spaces that follow: Serial Number: ~~xxxx,xxxxxxx~~ 11/291,406, filed December 1, 2005

This assignment executed on the dates indicated below.

Dr.-Ing. Dragan Krupcevic

Name of first or sole inventor

Execution date of U.S. Patent Application

Belaustraße 21, 70195 Stuttgart, GERMANY

Residence of first or sole inventor

[Handwritten signature of Dragan Krupcevic]

08.11.2005

Signature of first or sole inventor

Date of this assignment

Dr. Mohamed Rami

Name of second inventor

Execution date of U.S. Patent Application

Zollbergstraße 39, 73734 Esslingen, GERMANY

Residence of second inventor

[Handwritten signature of Mohamed Rami]

November 08. 2005

Signature of second inventor

Date of this assignment

Name of third inventor


Execution date of U.S. Patent Application

Residence of third inventor

Signature of third inventor

Date of this assignment

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Credit Card Information	
Credit Card Type: <input checked="" type="checkbox"/> American Express	
Credit Card Account #: 3787-376882-31001	
Credit Card Expiration Date: December 31, 2006	
Name as it Appears on Credit Card: Hudson, Karen L.	
Payment Amount: \$(US Dollars): 40.00	
Signature: 	Date: June 13, 2006
Credit Card Billing Address	
Street Address 1: Oblon, Spivak, McClelland, Maier & Neustadt, P.C.	
Street Address 2: 1940 Duke Street	
City: Alexandria	
State: Virginia	Zip/Postal Code: 22314
Country: U.S.A.	
Daytime Phone #: (703) 413-3000 Accounting Dept.	Fax #: (703) 413-2220
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Description of Request and Payment Information: Government Fee for Assignment Recordation	
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Patent/Registration No.:	
Docket No.: 282808US	

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