

ATTORNEY DOCKET NO.: R011-020/0105

Form PTO-1595

(Rev. 10/02)

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RECORDATION FORM COVER SHEET  
PATENTS ONLYU.S. DEPARTMENT OF  
COMMERCE

U.S. Patent and Trademark Office

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

1. Name of conveying parties: (1) Severine Catreux, (2) Vinko Erceg, (3) Pieter Roux, (4) Pieter van Rooyen

Additional name of conveying party attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other ( )

Execution Date: (1) 4/7/04; (2) 4/7/04; (3) 4/1/04; (4) 4/7/04

2. Name and address of receiving party

Name: ZYRAY WIRELESS, INC.

Internal Address:

Street Address: 11455 El Camino Real, Suite 350

City: San Diego State: CA Zip: 92130

Additional name & address attached? No ☒ Yes ☐

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:

A. Patent Application No.(s)

10/801,930

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Cooley Godward LLP

Internal Address: Patent Group

Street Address:

Five Palo Alto Square, 3000 El Camino Real

City: Palo Alto State: CA Zip: 94306-2155

6. Total number of applications and patents involved: [1]

7. Total fee (37 CFR 3.41) ..... \$40.00

☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number: 03-3117

The Commissioner is hereby authorized to charge any appropriate fees under 37 CFR 3.41 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 03-3117. This paper is submitted in duplicate.

DO NOT USE THIS SPACE

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.*

Kevin J. Zimmer, Reg. # 36,977

Name of Person Signing

Signature

June 4, 2004

Date

Total number of pages including cover sheet, attachments, and documents: [6]

Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services, Director of the U.S. Patent and Trademark Office

P.O. Box 1450, Alexandria, VA 22313-1450

I hereby certify that this correspondence is being transmitted by facsimile addressed to Mail Stop Assignment Recordation Services, Facsimile Number (703) 306-5995, at United States Patent and Trademark Office, P. O. Box 1450, Alexandria, VA 22313 on June 4, 2004.

By:

Rula Lopez

Rev. 6/14/2002

**Attorney Docket No: RONI-020/01US  
(186980-2030)**

**PATENT**

**ASSIGNMENT  
(Joint)**

Severine Catreux and Vinko Erceg, residing at Cardiff-by-the-Sea, California, Pieter Roux and Pieter Van Rooyen, residing at San Diego, California and Jack Winters, residing at Middletown, New Jersey, (each referred to as "Assignor") have made an invention(s) (the "Invention(s)") set forth in an application for patent of the United States, entitled **MULTI-ANTENNA COMMUNICATION SYSTEMS UTILIZING RF-BASED AND BASEBAND SIGNAL WEIGHTING AND COMBINING**, and which is a:

- (1) ☐ provisional application
  - (a) ☐ to be filed herewith; or
  - (b) ☐ bearing Application No. , and filed on ; or
- (2) ☒ non-provisional application
  - (a) ☐ to be filed herewith; or
  - (b) ☒ bearing Application No. 10/801,930, and filed on March 16, 2004.

**WHEREAS**, Zyray Wireless Inc., a corporation duly organized under and pursuant to the laws of California, and having its principal place of business at 11455 El Camino Real, Suite 350, San Diego, California 92130 (the "Assignee"), is desirous of acquiring the entire right, title, and interest in: the Invention(s); the application for patent identified in paragraph (1) or (2); the right to file applications for patent of the United States or other countries on the Invention(s); any application(s) for patent of the United States or other countries claiming priority to these application(s); any provisional or other right to recover damages, including royalties, for prior infringements of these applications; and any patent(s) of the United States or other countries that may be granted therefor or thereon.

**NOW, THEREFORE**, for good and sufficient consideration, the receipt of which is hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee then in confirmation of any obligation to do so in said prior agreement, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns, the Assignor's entire right, title, and interest in:

- (a) the Invention(s);

**Attorney Docket No. RONI-020/01US****Inventors: Catreux *et al.*****Page 2**

(b) the application for patent identified in paragraph (1) or (2);

(c) the right to file applications for patent of the United States or other countries on the Invention(s), including all rights under the Paris Convention for the Protection of Industrial Property and under the Patent Cooperation Treaty;

(d) any application(s) for patent of the United States or other countries claiming the Invention(s);

(e) any application(s) for patent of the United States or other countries claiming priority to the application for patent identified in paragraph (1) or (2) or any application(s) for patent claiming the Invention(s), including any division(s), continuation(s), and continuation(s)-in-part; and

(f) any provisional or other right to recover damages, including royalties, for prior infringements of any application for patent identified in the preceding paragraphs (b)-(e); and

(g) any patent(s) of the United States or other countries that may be granted for or on any application for patent identified in the preceding paragraphs (b) – (e), including any reissue(s) and extension(s) of said patent(s).

The above-granted rights, titles, and interests are to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made.

The Assignor hereby represents to the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, or if applicable, at such time said prior agreement was executed, the Assignor is a lawful owner of an undivided interest in the entire right, title, and interest in and to the Invention(s), that the Invention(s) are unencumbered, except, if applicable, by obligation to assign in accordance with said prior agreement, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth herein.

The Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that the Assignor will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done in connection with any and all proceedings for the procurement, maintenance, enforcement and defense of the Invention(s), said applications, and said patents, including interference proceedings, without charge to the Assignee, its

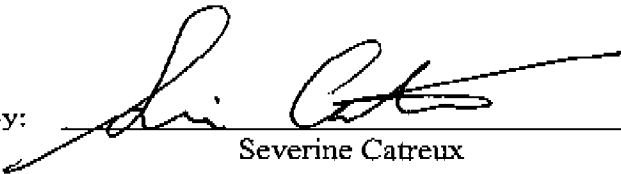
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Inventors: Catreux *et al.*  
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successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns.

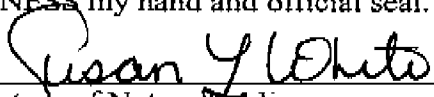
The Assignor hereby authorizes and requests the attorneys of COOLEY GODWARD L.L.P. to insert in the spaces provided above the filing date, the application number, and the attorney docket number of the application identified in paragraph (1) or (2) when known.


The Assignor hereby requests the Commissioner of Patents to issue said patents of the United States to the Assignee for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date: 4/7/04 By:   
Severine Catreux

State of California )  
County of San Diego ) ss.  
On April 7, 2004 before me, Susan L. White, Notary Public, personally appeared Severine Catreux, personally known to me or proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

  
Signature of Notary Public

 SUSAN L. WHITE  
Commission # 1311940  
Notary Public - California  
San Diego County  
My Comm. Expires Jul 2, 2005

Place Notary Seal Above

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**Inventors: Catreux *et al.***  
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By: Vinko Erceg  
Vinko Erceg

Place Notary Seal Above

By: Pieter Roux

Place Notary Seal Above

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Inventors: Catreux *et al.*  
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Date: 4/7/04

By: *[Signature]*  
Pieter Van Rooyen

State of California )  
County of San Diego )  
SS.  
On April 7, 2004, before me, Susan L. White, personally appeared Pieter Van Rooyen, personally known to me or proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument. SUSAN L. WHITE  
Commission # 1311940  
Notary Public - California  
San Diego County  
My Comm. Expires Jul 7, 2007  
WITNESS my hand and official seal.  
*[Signature]*  
Signature of Notary Public  
Place Notary Seal Above

Date: \_\_\_\_\_

By: \_\_\_\_\_  
Jack Winters

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ )  
SS.  
On \_\_\_\_\_, before me, \_\_\_\_\_, personally appeared \_\_\_\_\_, personally known to me or proved to me on the basis of satisfactory evidence, to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.  
WITNESS my hand and official seal.  
\_\_\_\_\_  
Signature of Notary Public  
Place Notary Seal Above