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Form PTO-1595  
(Rev. 10/02)

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OMB No. 0651-0027 (exp. 6/30/2005)

102765262

Tab settings

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

1. Name of conveying party(ies):

Ramiro QUINTERO ILLERA

6904

Carles PUENTE BALIARDA

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

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other \_\_\_\_\_

Execution Date: 03/18/2004

2. Name and address of receiving party(ies)

Name: Fractus, S.A.

Internal Address: Alacade Barnils s/n

Ed. Testa mod. C3

Street Address: Pque Emp. Sant Joan

08190 Sant Cugat del Valles, SPAIN

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

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

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) 10/797,732

B. Patent No.(s) \_\_\_\_\_

Additional numbers attached?  Yes  No

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

Name: David M. Maiorana

Internal Address: Jones Day

North Point

Street Address: 901 Lakeside Avenue

City: Cleveland State: OH Zip: 44114

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:

501432, account 15345460001

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9. Signature.

Kathie J. Kopczyk

Name of Person Signing

*Kathie J. Kopczyk*  
Signature

June 7, 2004

Date

Total number of pages including cover sheet, attachments, and documents: 3

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

Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

06/10/2004 DDYRNE 00000041 501432

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PATENT  
REEL: 015436 FRAME: 0693

## ASSIGNMENT

WHEREAS, one or more inventions have been made by the undersigned in

### MULTILEVEL AND SPACE-FILLING GROUND-PLANES FOR MINIATURE AND MULTIBAND ANTENNAS

and are the subject of a patent application filed in the United States Patent and Trademark Office on March 10, 2004, which application is identified as Jones Day Docket No. 153454600016.

WHEREAS, Fractus, S.A., a corporation of Spain, located at Alacade Barnils s/n, Ed. Testa mód. C3°, Pque Emp. Sant Joan, 08190 Sant Cugat del Vallès, SPAIN, hereinafter referred to as "assignee", is desirous of acquiring all right, title, and interest throughout the world in, to, and under said inventions and patent rights therefor.

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, all right, title, and interest, in the United States and throughout the world, in, to and under said inventions and all patents, patent applications, patent rights, and inventor's certificates thereof, therefor, and therein, including without limitation said application for patent in the United States, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, all right to sue for past infringement thereunder, all patents which may be granted for said inventions by states or nations other than the United States, or by other authority, entity, or organization, and all applications therefor, have been and are hereby sold, assigned, transferred, and delivered unto assignee, its successors and assigns; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in assignee, its successors or assigns, inventions, right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right, title and interest in, to, and under the same.

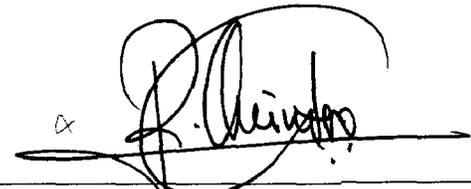
The undersigned hereby grants the firm of Jones Day the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

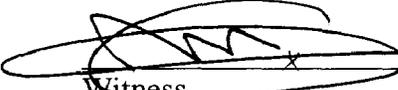
IN WITNESS WHEREOF, this Assignment has been executed below by the undersigned:

  
Witness

Today's Date

18 March 2004

  
Ramiro Quintero Illera

  
Witness

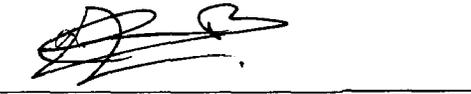
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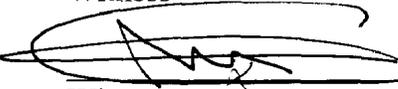
Avenida Francesc Macia, 21; 4-1  
Santa Coloma de Gramenet  
08921 Barcelona SPAIN

  
Witness

Today's Date

18 March 2004

  
Carles Puente Baliarda

  
Witness

Address:

c/ Londres  
57 4o2a  
08036 Barcelona SPAIN