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

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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

5021.9

1. Name of conveying party(ies)

Carles PUENTE BALIARDA
Jaume ANGUERA PROS
Carmen BORJA BORAU

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

2. Name and address of receiving party(ies)

Name: Fractus, S.A.

Internal Address: C. Alcalde Barnils, 64-68

Street Address: Edificio Testa-Modulo C, 3°

Parque Empresarial Sant Joan

City: Sant Cugat del Valles

State: Barcelona

Country: Spain Zip: E-08190

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 07/13/05, 07/13/05, 07/18/05

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

11/186,538

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Joseph M. Sauer

Internal Address: Jones Day

North Point

Street Address: 901 Lakeside Avenue

City: Cleveland

State: Ohio Zip: 44114

Phone Number: (216) 586-3939

Fax Number: (216) 579-0212

Email Address: jmsauer@jonesday.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 501432

Authorized User Name Joseph M. Sauer

9. Signature: Kathie J. Kopczyk
Signature

September 8, 2005
Date

Kathie J. Kopczyk
Name of Person Signing

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

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

09/13/2005 6TON11 00000001 501432 11186538

01 FC:0021 40.00 BA

PATENT
REEL: 016965 FRAME: 0979

ASSIGNMENT

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

BROADSIDE HIGH-DIRECTIVITY MICROSTRIP PATCH ANTENNAS

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

WHEREAS, FRACTUS, S.A. Alcalde Barnils 64-68 Ed. TESTA mód.C3 Pque Emp. Sant Joan, 08190 SANT CUGAT DEL VALLES, BARCELONA, SPAIN

hereinafter referred

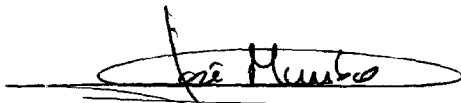
to as "assignee", is desirous of acquiring all right, title, and interest throughout the world in, to, and under said inventions and patent rights therefor.

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:


Today's Date


Witness

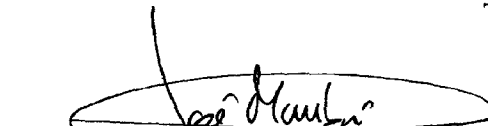
13th/7/2005



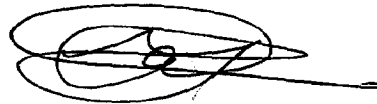
PUENTE BALIARDA, CARLES
Address: c/ Londres 57 4º 2ª / 08036
Barcelona / ES


Witness


Today's Date


Witness

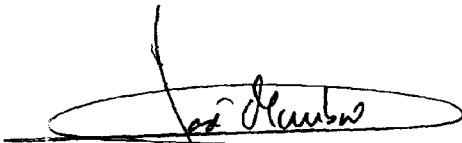
13th/7/2005



ANGUERA PROS, JAUME
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12500 Vinarós (Castelló)/ES


Witness

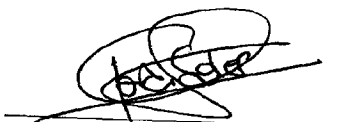
Today's Date


Witness
JOSE MUMBRU

18th/7/2005



BORJA BORAU, CARMEN
Address: Tvra. de Dalt, 67 08024
(Barcelona)


Witness
JORDI SOLER CASTANY