

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CARLES PUENTE BALIARDA	07/22/2002
EDOUARD JEAN LOUIS ROZAN	07/22/2002
JAIME ANGUERA PROS	07/22/2002

RECEIVING PARTY DATA

Name:	FRACTUS, S.A.
Street Address:	Avda. Alcalde Barnils, 64-68, Edificio Testa - Modulo C3
Internal Address:	Parque Empresarial Sant Joan, San Cugat del Valles
City:	Barcelona
State/Country:	SPAIN
Postal Code:	08190

PROPERTY NUMBERS Total: 8

Property Type	Number
Application Number:	12347462
Application Number:	12498090
Application Number:	13020034
Application Number:	13038883
Application Number:	13044207
Patent Number:	7148850
Patent Number:	7202822
Patent Number:	7554490

CORRESPONDENCE DATA

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PATENT

501489903

REEL: 026070 FRAME: 0431

CH \$320.00 12347462

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ATTORNEY DOCKET NUMBER:	FRAC SFC ASSMTS
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NAME OF SUBMITTER:	BRIAN D. WALKER
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PATENT APPLICATION ASSIGNMENT -
SOLE OR JOINT INVENTORS
EXECUTED OUTSIDE U.S.A.

OFGS FILE NO. P/4043-42

WHEREAS, I (We),

PUENTE BALIARDA, CARLES
ROZAN, EDOUARD, JEAN, LOUIS
ANGUERA PROS, JAIME

as assignor(s), have invented certain improvements in
SPACE-FILLING MINIATURE ANTENNAS

for which
an application for United States Letters Patent has been executed by me (us) of even date
herewith; and

WHEREAS,

FRACTUS, S.A.

Alcalde Barnils s/n Ed. TESTA mód. C3°, Pqe. Emp. San Joan Despi
08190 SANT CUGAT DEL VALLES (Barcelona) (SPAIN)

as assignee, is desirous of acquiring all right, title and interest in and to said invention
and any Patent that may be granted therefor.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and
valuable consideration, the receipt of which is hereby acknowledged, I (We), as assignor(s),
hereby sell, assign and set over to said assignee the entire right, title and interest for
the United States and all other countries in and to said invention and the aforesaid
application for Patent, all original, divisional, continuation, substitute or reissue
applications and patents applied for or granted therefor in the United States and all other
countries, including all rights of priority from the filing of said application, and all
rights for past infringement, and the Commissioner of Patents and Trademarks is hereby
authorized and requested to issue all patents on said inventions or resulting therefrom to
said assignee herein, as assignee of the entire interest therein; and the undersigned for
myself (ourselves) and my (our) legal representatives, heirs and assigns do hereby agree and
covenant without further remuneration, to execute and deliver all divisional, continuation,
reissue and other applications for Patent on said inventions and all assignments thereof to
said assignee or its assigns, to communicate to said assignee or its representatives all
facts known to the undersigned respecting said inventions, whenever requested, to testify in
any interferences or other legal proceedings in which any of said applications or patents may
become involved, to sign all lawful papers, make all rightful oaths, and to do generally
everything necessary to assist assignee, its successors, assigns and nominees to obtain
patent protection for said invention in the United States and all other countries, the
expenses incident to said applications to be borne and paid by said assignee.

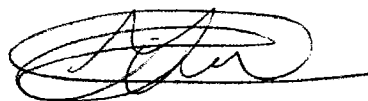
Date: 22 July 2002
PUENTE BALIARDA, CARLES

Date: 22 July 2002



ROZAN, EDOUARD, JEAN, LOUIS

Date: 22 July 2002



ANGUERA PROS, JAIME

Date: _____
