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PATENT RECORDATION FORM



-0025 -- BAC

3-3-03 COVER SHEET

102491247

To the Commissioner for Patents: Please record the attached original document or copy thereof.

1. Name of conveying party(ies):
(1) Jean-Christophe LOUVIGNE
(2) Ala SHARAIHA
(3) Jean-Pierre BLOT

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

2. Name and address of receiving party(ies):

Name: France Telecom

Internal Address: _____

Street Address: 6, place d'Alleray

City: Paris Country: France ZIP 75015

3. Nature of Conveyance:

Assignment Merger Security Agreement
 Change of Name Other _____

Execution Date: February 6, 2003

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

4A. Application No.(s)

10, 36 351 8

If this document is being filed together with a new application, the execution date(s) of the application is: February 6, 2003

Additional numbers attached? Yes No

4B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Jeffrey D. Shewchuk

Street Address: Kinney & Lange, P.A.,

312 South Third Street

City: Minneapolis State: MN ZIP 55415-1002

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

7. Total fee (37 C.F.R. 3.41):.....\$ 40.00

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.

Jeffrey D. Shewchuk

March 3, 2003
Date

Total number of pages including cover sheet, attachments and document: [7]

ASSIGNMENT

Attorney Docket No.

First Named Inventor : Jean-Christophe LOUVIGNE

Title : Helix antenna with variable pitch, and corresponding method

As a below named inventor, I Jean-Christophe LOUVIGNE of 21 rue Sergent Guichard, 35000 RENNES (France) have invented certain new and useful improvements as described in a non-provisional application entitled

Helix antenna with variable pitch, and corresponding method

for Letters Patent of the United States, the application having been executed on even date herewith, and/or being identifiable as PCT International Application Number _____, filed _____; and

WHEREAS, France TELECOM a corporation organized and existing under the laws of France, and having offices at 6, place d'Alleray, 75015 PARIS (France), is desirous of acquiring the entire right, title and interest in and to the invention, the application, and any and all United States Letters Patent or similar legal protection to be obtained therefor;


NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I transfer to Assignee, its successors and assigns, my entire right, title and interest in and to the invention, the above-identified application and all Letters Patent or similar legal protection issuing thereon; and I authorize the Commissioner of Patents and Trademarks of the United States to issue the Letters Patent or similar legal protection to the Assignee.

I authorize the Assignee, its successors and assigns, to insert in this instrument the filing date and application number of the application when ascertained.

I authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired.

I represent to the Assignee, its successors and assigns, that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in the United States.

FIRST OR SOLE INVENTOR:

Signature: 


Printed Name: _____

Date: 6/22/03

Witnessed By:

Printed Name: _____

Address:



PROF. ERIC POTTIER
LAB. ART CNRS 2272
UNIVERSITY OF RENNES 1
FRANCE

03622

ASSIGNMENT	Attorney Docket No.
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First Named Inventor : Ala SHARAIHA
 Title : Helix antenna with variable pitch, and corresponding method

As a below named inventor, I Ala SHARAIHA of 12, rue Mgr Duchesne, 35000 RENNES (France) have invented certain new and useful improvements as described in a non-provisional application entitled

Helix antenna with variable pitch, and corresponding method

for Letters Patent of the United States, the application having been executed on even date herewith, and/or being identifiable as PCT International Application Number _____, filed _____; and

WHEREAS, France TELECOM a corporation organized and existing under the laws of France, and having offices at 6, place d'Alleray, 75015 PARIS (France), is desirous of acquiring the entire right, title and interest in and to the invention, the application, and any and all United States Letters Patent or similar legal protection to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I transfer to Assignee, its successors and assigns, my entire right, title and interest in and to the invention, the above-identified application and all Letters Patent or similar legal protection issuing thereon; and I authorize the Commissioner of Patents and Trademarks of the United States to issue the Letters Patent or similar legal protection to the Assignee.

I authorize the Assignee, its successors and assigns, to insert in this instrument the filing date and application number of the application when ascertained.

I authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired.

I represent to the Assignee, its successors and assigns, that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in the United States.

FIRST OR SOLE INVENTOR:

Signature: 

Printed Name: _____

Date: 6/22/03

Witnessed By:

Printed Name: PROF. ERIC POTTIER

Address: LAB ART-FRE CNRS 2272
UNIVERSITY OF RENNES 1
FRANCE

ASSIGNMENT

Attorney Docket No.

First Named Inventor : Jean-Pierre BLOT

Title : Helix antenna with variable pitch, and corresponding method

As a below named inventor, I Jean-Pierre BLOT of 1581, route de la Tête de Chien 06320 LA TURBIE (France) have invented certain new and useful improvements as described in a non-provisional application entitled

Helix antenna with variable pitch, and corresponding method

for Letters Patent of the United States, the application having been executed on even date herewith, and/or being identifiable as PCT International Application Number _____, filed _____; and

WHEREAS, France TELECOM a corporation organized and existing under the laws of France, and having offices at 6, place d'Alleray, 75015 PARIS (France), is desirous of acquiring the entire right, title and interest in and to the invention, the application, and any and all United States Letters Patent or similar legal protection to be obtained therefor;


NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I transfer to Assignee, its successors and assigns, my entire right, title and interest in and to the invention, the above-identified application and all Letters Patent or similar legal protection issuing thereon; and I authorize the Commissioner of Patents and Trademarks of the United States to issue the Letters Patent or similar legal protection to the Assignee.

I authorize the Assignee, its successors and assigns, to insert in this instrument the filing date and application number of the application when ascertained.

I authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired.

I represent to the Assignee, its successors and assigns, that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I, my executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in the United States.

FIRST OR SOLE INVENTOR:

Signature: 

Printed Name: Blet Jean-Pierre.

Date: 6/2/03

Witnessed By: 

Printed Name: BILLS Raymond

Address:

France Telecom R & D
Fort de la Tête de Chien
06320 La Turbie - France