PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------------------------------|----------------|
| Jean-Louis De Bougrenet De La Tocnaye | 08/08/2010 |
| Laurent Dupont | 08/08/2010 |
| Emmanuel Daniel | 08/08/2010 |

RECEIVING PARTY DATA

| Name: | Institut Telecom/Telecom Bretagne | |
|-------------------|-----------------------------------|--|
| Street Address: | Technopole Brest Iroise | |
| Internal Address: | CS 83818 | |
| City: | Brest Cedex 3 | |
| State/Country: | FRANCE | |
| Postal Code: | 29238 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number | |
|---------------------|----------|--|
| Application Number: | 12812343 | |

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: G67.12-0004

NAME OF SUBMITTER: David D. Brush

Total Attachments: 2

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PATENT
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PATENT REEL: 025094 FRAME: 0088

ASSIGNMENT

Attorney Docket No.

FOR PRIORITY APPLICATION ENTERING UNITED STATES

G67.12-0004

WHEREAS, we, Jean-Louis De Bougrenet De La Tocnaye of Guilers, France; Laurent Dupont of Plouzane, France and Emmanuel Daniel of Le Relecq Kerhuon, France, (hereinafter referred to as ASSIGNORS), are the inventors of an invention described in:

- French Patent Application No. 08/50116, filed on January 9, 2008;
- International application for Letters Patent filed pursuant to the Patent Cooperation Treaty and designating
 the United States, and being identified by Application No. <u>PCT/EP2009/050126</u>, filed on <u>January 7</u>,
 2009;
- any United States Patent Application claiming priority from the above-identified French and/or International patent application, the United States patent application being identifiable in the United States Patent and Trademark Office by Application No. 12/812.343, filed July 9, 2010;

WHEREAS, Institut Telecom / Telecom Bretagne, a company, organized and existing under the laws of France, and having offices at Technopôle Brest Iroise, CS 83818, 29238 Brest Cedex 3, France, ("Assignee") is desirous of acquiring the entire right, title and interest in and to the invention, the application, and any and all Letters Patent or similar legal protection, foreign or domestic, to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, we transfer to Assignee, its successors and assigns, our entire right, title and interest in and to the invention, the above-identified application, all inventions and improvements which are disclosed in the patent applications, all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States on any of said inventions and/or improvements, all rights of priority resulting from the filing of the above-identified patent application(s), and all Letters Patent or similar legal protection issuing thereon; and we authorize the Director of the United States Patent and Trademark Office to issue the Letters Patent or similar legal protection to the Assignee.

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

We 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, in any and all countries.

We represent to the Assignee, its successors and assigns, that we have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. We, our 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 any and all countries.

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|---------------------------------------|--------------------------|
| Signature of Inventor | Signature of Witness |
| Date: August 8th 2010 | Date: August 2nd 2010 |
| Jean-Louis De Bougrenet De La Tocnave | Frederic LUCARZ |
| Printed Name of Inventor | Printed Name of Witness |
| Residence of Inventor: | Residence of Witness: |
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| France | FRANCE |

ASSIGNMENT

Attorney Docket No.

FOR PRIORITY APPLICATION ENTERING UNITED STATES

G67.12-0004

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|---|--|
| Signature of Inventor | Signature of Witness |
| Date : Hugust 8th 2010 | Date: August 2nd, 2010 |
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| Signature of Inventor Date: August 8 th 2010 | Date: August 2nd, 2010 |
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-2 of 2-

RECORDED: 10/05/2010

PATENT REEL: 025094 FRAME: 0090