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To the Director of the U.S. Patent and Trademark Office

Rooney's Docket No. 1032326-000441

or the new address(es) below.

**DETECTION OF A FAULT BY LONG DISTURBANCE (AS AMENDED)****1. Name of conveying party(ies):**

Olivier BENOIT

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

GEMPLUS

Avenue du Pic de Bertagne

Parc d'Activites de Gemenos

Gemenos, F13420 France

**3. Nature of Conveyance/Execution Date(s):**

Execution Date(s): June 13, 2006

- ☒ Assignment  
☐ Security Agreement  
☐ Joint Research Agreement  
☐ Government Interest Agreement  
☐ Other:

- ☐ Executive Order 9424 Confirmatory License  
☐ Merger  
☐ Change of Name

**4. Application or patent number(s):**

A. Patent Application No.(s)

B. Patent No.(s)

- ☒ This document is being filed together with a new application.

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

Name: James A. LaBarre

Address: Buchanan Ingersoll &amp; Rooney PC

Customer Number 2 1 8 3 9

P.O. Box 1404

Alexandria, Virginia 22313-1404

**6. Total number of applications and patents involved: 1****7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40**

- ☒ Authorized to be charged by credit card. PTO Form 2038 attached.  
☐ Authorized to be charged to deposit account 02-4800  
☐ Enclosed.  
☐ None required (gov't interest not affecting title)

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Signature:

Signature

28632

Reg. No.

January 22, 2008

Date

James A. LaBarre

Name of Person Signing

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

3

IAPO5 Rec'd PCT 22 JAN 2008

# ASSIGNMENT

(SOLE)

THIS ASSIGNMENT, by **BENOIT Olivier**, residing at **3. impasse de Lausie 13470, CARNOUX EN PROVENCE, FRANCE** (hereinafter referred to as "the Assignor"), respectively, witnesseth:

WHEREAS, the Assignor has invented certain new and useful improvements in **Detection of a fault by long disturbance** set forth in French Patent Application No. **0552239**, filed **19.07.2005**; and

WHEREAS, **GEMPLUS**, a corporation duly organized under and pursuant to the laws of **France** and having a principal place of business at **Avenue du Pic de Bertagne, Parc d'Activites de Gemenos, F13420 Gemenos, France** (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including applications for Letters Patent of the United States or other countries claiming priority from said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority from said application, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority from said application, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behoof and the use and behoof of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made;

AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignor is the sole and lawful owner of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns that the Assignor will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignor hereby requests the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behoof of the Assignee, its successors, legal representatives, and assigns.

13/06/2006



DATE June 13, 2006

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BENOIT Olivier