

09/890951
08 AUG 2001
JC05 Rec'd PCT/PTO

FORM PTO-1595
(Rev. 6/93)

09-20-2001

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101850478

Attorney's Docket No. 032326-157

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): 08/08/01
Omar Messlem, Philippe Porte and Denis Praca

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

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name

Other: _____

Execution Date: 7/20/2001, 7/26/2001, 7/23/2001

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

Address: Avenue du Pic de Bertagne

Parc d'Activit es de Gemenos

BP 100, 13881 Gemenos Cedex

France

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

4. Application number(s) or patent number(s): 09/890951
If this document is being filed together with a new application, the execution date of the application is: 7/20, 7/26 & 7/23/2001

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: James A. LaBarre

Address: BURNS, DOANE, SWECKER & MATHIS, L.L.P.

P.O. Box 1404

Alexandria, Virginia 22313-1404

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR   3.41): \$ 40.00

Enclosed

Authorized to be charged to deposit account, if necessary

8. Deposit account number:

02-4800

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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.

James A. LaBarre, Reg. No. 28,632
Name of Person Signing

James LaBarre
Signature

August 8, 2001
Date

Total number of pages including cover sheet, attachments, and document: 2

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08/10/2001 ATRAM1 00000034 09890951

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(7/01)

PATENT
REEL: 012169 FRAME: 0356

ASSIGNMENT
JOINT

THIS ASSIGNMENT, by OMAR MESSLEM residing at Gardanne/ France and Philippe PORTE residing at Aix en Provence - and Denis PRACA residing at Luynes /France (hereinafter referred to as "the Assignors:

WHEREAS, said assignor has invented certain new and useful improvements in

" Method for detecting portable objects and system for carrying out said method "

set forth in an application for Letters Patent of the United States, bearing Serial No _____ and filed on _____; and


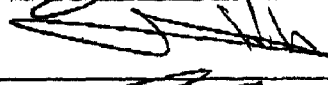

WHEREAS, Gemplus (SA), a corporation duly organized under and pursuant to the laws of France and having its principal place of business at Avenue du Pic de Bertagne, Parc d'Activitiés de Gémenos, 13881 Gémenos, France, (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient considerations, the receipt of which is hereby acknowledged, said assignor has sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto said assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations and continuations-in-part of said application, or reissues or 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 said assignee, for its own use and the use 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, said assignor hereby covenants and agrees to and with said assignee its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignor is the sole and lawful owner of the entire right, title and interest in and to said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said 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, said assignor hereby covenants and agrees to and with said assignee, its successors, legal representatives and assigns, that said assignor will, whenever counsel of said assignee, or the counsel of its successor, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, 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 for said inventions, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignor hereby requests the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use said assignee, its successors, legal representatives and assigns.

Date	20/07/01	Omar MESSLEM	
Date	26/07/01	Philippe PORTE	
Date	23/04/2001	Denis PRACA	
Date			