

ATTORNEY DOCKET NO.: 34874-812F01US/2011P00403US

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FORM PTO-1595 (Rev. 08-05)
OMB No. 0651-0027 (exp. 6/30/2008)

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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Marco Valentin

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

2. Name and address of receiving party(ies)

SAP AG
Dietmar-Hopp-Allee 16
Walldorf, Germany 69190

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s): December 22, 2011

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

4. Application or patent number(s):

A. Patent Application No.(s)

13/335,740

Additional numbers attached?

This document is being filed together with a new application

B. Patent No.(s)

Yes No

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

Pedro F. Suarez
MINTZ, LEVIN, COHN, FERRIS, GLOVSKY
AND POPEO, P.C.
3580 Carmel Mountain Road, Suite 300
San Diego, CA 92130

**6. Total number of applications and patents
Involved:** 1

7. Total Fee (37 CFR 1.21(h) & 3.41) \$40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

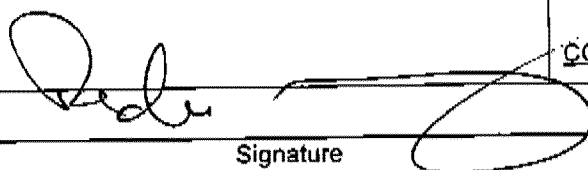
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Authorized User Name Pedro F. Suarez, MINTZ, LEVIN,
COHN, FERRIS, GLOVSKY AND POPEO, P.C.

9. Signature:



Signature

March 21, 2012

Date

Pedro F. Suarez, Reg. No. 45,895

Name of Person Signing

Total number of pages including cover
Sheet, attachments, and documents: 2

CH \$40.00 500311 13335740

Attorney Docket No.: 34874-812F01US/2011P00403US
Customer Number: 64280

ASSIGNMENT

For valuable consideration, I, **MARCO VALENTIN**, hereby assign to SAP AG, a German Corporation, having a place of business at Dietmar-Hopp-Allee 16 D-69190, Walldorf, Germany, and its successors, and assigns (collectively, "the ASSIGNEE") my entire right, title and interest throughout the world in the inventions and improvements that are the subject of a patent document entitled,

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which is found in

- U.S. patent application filed on Hereto
- Under Application No. Not Yet Assigned
- Under Attorney Docket No.: 34874-812F01US/2011P00403US

I authorize and request the attorneys of record or the attorney filing the application to insert into this assignment the filing date and serial number of the application when known.

This assignment includes the foregoing patent application or patent, all legal equivalents in any country, and all patents issuing from such legal equivalents; all patents, utility models, and design registrations granted by any jurisdiction for any of said inventions and improvements; and the right to claim priority based on the filing date of the foregoing patent application or patent under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes. I authorize the Assignee to apply in all countries in our names or in its own name for patents, utility models, and design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements.

I hereby state and agree that no assignment, sale, agreement, or encumbrance has been or will be made or entered into that would conflict with this assignment.

I further agree for ourselves and our respective heirs, legal representatives, and assigns to provide to the Assignee promptly upon its request and at its expense all pertinent facts and documents relating to any of said inventions and improvements or said patents and legal equivalents as may be known and accessible to us and to testify as to the same in any interference, litigation, or proceeding relating thereto; and we agree promptly to perform such lawful acts and to sign such further applications, assignments, statements, and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

Inventor's Signature

Marco Valentin
MARCO VALENTIN

Dec 22nd 2011
Date

Witnessed by:

Klaus Müller
Signature

Dec 22nd 2011
Date

Klaus Müller
Print Name