To the Director of the U.S. Patent and Trademark Ottoc:       Mail Stop Assignment Recordation Servic         Please record the attached original documents or copy thereof.       Mail Stop Assignment Recordation Servic         1.       Name of conveying parties:       2.         Rainer Brodie, Frank Brunewijk, Bernhard Drabant, Thomas Fludder, Ultich Heure, Atel Schuller       Name:       SAP AG         Additional names of conveying parties attached?       Yes Since Address:       Dietmar-Hopp-Allee 16         3.       Nature of conveying parties attached?       Yes Since Address:       Dietmar-Hopp-Allee 16         3.       Nature of conveying parties attached?       Yes Since Address:       Dietmar-Hopp-Allee 16         3.       Nature of conveying parties attached?       Yes Since Address:       Dietmar-Hopp-Allee 16         3.       Nature of conveying parties attached?       Yes Since Address:       Dietmar-HopP-Allee 16         3.       Nature of conveying parties attached?       Yes Since Address:       Dietmar-HopP-Allee 16         3.       Security Agreement       Contranse       Courty:       Germany       Post         4.       Application number(s):       Additional number (s): K dddress(es) attached?       Yes Since Address       No         5.       Name and address of party to whom correspondence concerning document should be mailed:       No       No </th <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>Pate Atto SAP</th> <th>Departmen ent and Trade rney Docket Ref. No. 200 rney Custon</th> <th>emark O No. 097 )5P0069</th> <th>office 700.0168-00 98US</th>								Pate Atto SAP	Departmen ent and Trade rney Docket Ref. No. 200 rney Custon	emark O No. 097 )5P0069	office 700.0168-00 98US
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Thomas Fiedler, Ufrike Heuer, Axel Schuller       Name:       SAP AG         Additional names of conveying parties attached?       Yes Ø No       Internal Address:       0         3.       Nature of conveyance:       Street Address:       Dietmar-Hopp-Allee 16       0         Ø       Assignment       Internal Address:       Dietmar-Hopp-Allee 16       0         Ø       Security Agreement       Change of Name       Country:       Gernany       Post       D-69160         Ø       Joint Research       Covernment Interest       Additional name(s) & Address(es) attached?       Descurity Agreement       Additional name(s) & Address(es) attached?         Executive Order 9494,       Other:       Other:       Image: Barbard State Stat		Name of c	onveying par	rties:			Name and	addre	ss of receivin	g party:	
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Security Agreement       Change of Name       Country:       Germany       Post Code:       D-69160         Joint Research       Government Interest       Assignment       Additional name(s) & Address(es) attached?         Executive Order 9494,       Other:       Pression       Yes       No         Executive Order 9494,       Other:       Pression       Yes       No         Additional name(s) & Address(es) attached?       Yes       No         Application number(s) or patent number(s):       If this document is being filed together with a new application, the execution date the application: March 2, 2006 and March 13, 2006       B.       Patent Number(s):         Additional numbers attached?       Yes       No         Some and address of party to whom correspondence concerning document should be mailed:       Total number of applications and patents involved One (1)         Name:       Pedro F. Suarez       7.       Total fee (37 CFR 1.21(h) and 3.41): \$40         Internel Address:       901 New York Avenue, N.W.       Enclosed (Please charge deficiency or credit overpayment to deposit account 06-0916)         Street Address:       901 New York Avenue, N.W.       Authorized to be charged to deposit account No.: 06-0916         State:       Zip:       20001-4413       8.       Deposit Account No.: 06-0916         State:       Zip:       20001-4413 <td>3.</td> <td>Nature of</td> <td>conveyance:</td> <td></td> <td></td> <td>Street A</td> <td>Address:</td> <td>Diet</td> <td>mar-Hopp-All</td> <td>ee 16</td> <td>800 866</td>	3.	Nature of	conveyance:			Street A	Address:	Diet	mar-Hopp-All	ee 16	800 866
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Joint Research       Government Interest         Agreement       Assignment         Confirmatory License       Other:         Execution Dates:       March 2, 2006; March 13, 2006; and March 15, 2006         4.       Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date the application: March 2, 2006 and March 13, 2006         A.       Patent Application Number(s):         B.       Patent Number(s):         Additional numbers attached?       Yes         Yes       No         Additional numbers attached?       Yes         Name and address of party to whom correspondence concerning document should be mailed:       Total number of applications and patents involved One (1)         Name:       Pedro F. Suarez       7.       Total fee (37 CFR 1.21(h) and 3.41): \$40         Internel Address:       S01 New York Avenue, N.W.       Enclosed (Please charge deficiency or credit overpayment to deposit account 06-0916)         State:       Zip:       20001-4413       8.       Deposit Account No:: <u>06-0916</u>	🗆 s	Security Agr	eement		Change of Name	Countr	/: Germa	ny	1	D-69	160
□       Executive Order 9494, Confirmatory License       Other:       □       Yes       No         Execution Dates:       March 2, 2006; March 13, 2006; and March 15, 2006       Image: Provide 13, 2006       No         4.       Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date the application: March 2, 2006 and March 13, 2006       B.       Patent Number(s):         A.       Patent Application Number(s):       B.       Patent Number(s):         Additional numbers attached?       Yes       No         5.       Name and address of party to whom correspondence concerning document should be mailed:       6.       Total number of applications and patents involved One (1)         Name:       Pedro F. Suarez       7.       Total fee (37 CFR 1.21(h) and 3.41): \$40         Street Address:       FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.       Enclosed (Please charge deficiency or credit overpayment to deposit account 06-0916)         Street Address:       901 New York Avenue, N.W.       □       Authorized to be charged to deposit account 06-0916         Gity:       Washington, D.C.       Statement and signature.       Image: Pedro F. Suarez, Reg. No. 97.895       Date         9.       Statement and signature.       Signed:       Pedro F. Suarez, Reg. No. 97.895       Date         Yea       Pedro F. Suare	·		rch							hed?	
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Total number of pages including cover sheet, attachments and documents: 5	Name: Internal Street A City: State: 9. To the t	Concernin Pedro F. Address: Address: W Statemen Dest of my kent.	g document Suarez FINNEGAN & DUNNEF 901 New Yo rashington, D rashington, D t and signatu	party to w should be N, HENDE R, L.L.P. ork Avenu D.C. Zip: ure. nd belief,	whom correspondence mailed: ERSON, FARABOW, GARF ue, N.W. 20001-4413 the foregoing information is	6. 7. RETT Ø 8. s true and corre	Total num One (1) Total fee ( Enclo overp Autho Deposit A	ber of 37 CF sed (F aymer orized	R 1.21(h) and Please charge It to deposit a to be charged No.: <u>06-091</u> d copy is a tru Marc	d to depo d to depo d to depo d to depo e to 23, 20	\$40 bcy or credit 26-0916) osit account
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PATENT REEL: 017723 FRAME: 0416

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SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 09700.0168-00 SAP Reference No. 2005P00698US

## ASSIGNMENT

WHEREAS WE, the below named inventors hereinafter referred to as Assignors, have made an invention entitled:

## SYSTEMS AND METHODS FOR PROVIDING AN ENTERPRISE SERVICES DESCRIPTION LANGUAGE

for which WE executed an application for United States Letters Patent concurrently herewith; and

WHEREAS, SAP AG, a corporation of Germany whose post office address is Dietmar-Hopp-Allee 16, D-69190, Walldorf, Germany [hereinafter referred to as Assignee], is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, We, as Assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention, and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of the above-noted provisional application (if any), as well as `all rights to claim priority on the basis of this application, and all applications for Letters Patent which may be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY covenant that We have the full right to convey the interest assigned by this Assignment, and We have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, WE have hereunto set our hands,

Name: Rainer Brendle

Address:	Adalbert-Seifriz Strasse 28
	D-69151 Neckargemuend, Germany

Signature: Date:

WITNESSED	BY,
Printed Name:	Ared Shuller
Signature:	fil fell
Date:	15.3.2000

Page 1 of 2

Name: Frank Brunswig	
Address: Oberer Rainweg 18 D-69118 Heidelberg, Germany Signature: AMA AAMAN Date: AS.N. WOb	WITNESSED BY, Printed Name: <u>Axel Schuller</u> Signature: Jul Aull Date: N. 03. 2000
Name: Bernhard Drabant Address: Auestrasse 19a D-69242 Muehlhausen, Germany <u>Signature:</u>	WITNESSED BY, Printed Name:
Name: Thomas Fiedler Address: Horster Graben 9 D-76327 Pfinztal, Germany Signature: T. Therefore Date: 13.03.2006	WITNESSED BY, Printed Name: <u>Axel Schuller</u> Signature: Jul Schull Date: 13.03. 2000
Name:       Ulrike Heuer         Address:       Untere Roete 2         D-69231 Rauenberg, Germany         Signature:       Year         Date:       13.32006	WITNESSED BY, Printed Name: <u>Accel Schuller</u> Signature: <u>Schuller</u> Date: <u>13.03.2000</u>
Name: Axel Schuller Address: Zaehringer Strasse 1c D-68723 Schwetzingen, Germany	WITNESSED BY, Printed Name: Ulr hu Hene

C.D. Signature: 13.03.2000 Date:

Page 2 of 2

enes Signature: 03 2006 13 Date:

## ASSIGNMENT

WHEREAS WE, the below named inventors hereinafter referred to as Assignors, have made an invention entitled:

## SYSTEMS AND METHODS FOR PROVIDING AN ENTERPRISE SERVICES DESCRIPTION LANGUAGE

for which WE executed an application for United States Letters Patent concurrently herewith; and

WHEREAS, SAP AG, a corporation of Germany whose post office address is Dietmar-Hopp-Allee 16, D-69190, Walldorf, Germany [hereinafter referred to as Assignee], is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, We, as Assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention, and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of the above-noted provisional application (if any), as well as `all rights to claim priority on the basis of this application, and all applications for Letters Patent which may be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY covenant that We have the full right to convey the interest assigned by this Assignment, and We have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, WE have hereunto set our hands.

Name: Rainer Brendle

Address: Adalbert-Feifriz Strasse 28 D-69151 Neckargemuend, Germany

Signature:

Date:

WITNESSI	ED BY,
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Printed Name:\_\_\_\_\_

Signature:

Date:

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SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 09700.0168-00 SAP Reference No. 2005P00698US

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Date:		Date:	
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Signature	<u>x</u>	Signature:	
Date:		Date;	
Name:	Ulrike Heuer		
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PATENT REEL: 017723 FRAME: 0420

RECORDED: 03/23/2006

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