RECORD.

	103096	~~ **** **** **** **** **** **** ****	
To the Director of the Patent and Trademark Office: Please record the attached documents or the new address(es) l		2orney Dkt. No.: 018360/2	90096
1. Name of conveying party(ies):	2.	Name and address of receiving party(ies):	0 =
William W. Smith, III Jinyue Liu David A Bennett Paul R. McLaughlin Paul A. Bilibin Reichie R. Nelson Mark A. Bjerke Charles D. Mentzer Lynn S. Goldhaber Matthew J. Smith Hsiangwen S. Hu Harland F. Maier Lory E. Krett Geoffrey Carl McGrath		United Parcel Service of America, Inc. a Delware Corporation 55 Glenlake Parkway County of Fulton, State of Georgia, 30328	113262 U.S. P. 11/238425
Additional name(s) of conveying party(ies) attached? Yes ☐ No ☒			
3. Nature of conveyance/ Execution Date(s):		_	
Execution Date(s) September 15, 2005; September 16, 20 September 19, 2005	005; Addition	onal name(s) & address(es) attached? Yes	No 🛚
☐ Security Agreement ☐ Change of Name			
Joint Research Agreement			
Government Interest Assignment Executive Order 9424 Confirmatory License			
☐ Executive Order 9424, Confirmatory License			
4. Application or patent number(s):A. Patent Application No.(s)	D D		
		atent No.(s)	
This document is being filed together with a new		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 in $\underline{1}$	volved:
ALSTON & BIRD LLP			
Bank of America Plaza 101 South Tryon Street, Suite 4000			
Charlotte, NC 28280-4090			
706/2005 DBYRNE 00000120 160605 11238423 FE:8021 40.00 DA	7.	Total fee (37 CFR 1.21(h) & 3.41) \$40.00 Enclosed Authorized to be charged to deposi None required (government interes affecting title)	
/	8.	Deposit account number: 16-0605	
DO NOT	USE THIS SP.	ACE	
9. Statement and signature: To the best of my knowledge and belief	f, the foregoing i	nformation is true and correct and any attached co	py is a true
Name of Person Signing: David A. Corner	S Date	pterlar 28, 2005	
Reg. No. 48,417	Total number (of pages including cover sheet, attachments, and do	cuments: 10
USPTO Fax Number for New Assignments (571) 273-0140			

PATENT REEL: 017064 FRAME: 0544

ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

United Parcel Service of America, Inc. a Delaware Corporation 55 Glenlake Parkway County of Fulton, State of Georgia, 30328

its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries in and to the invention in

"CONTROLLED DEPLOYMENT OF SOFTWARE IN A WEB-BASED ARCHITECTURE"

as set forth in this United States Patent Application

	executed concurrently herewith
\boxtimes	executed on September 15, 2005; September 16, 2005; September 19, 2005
	Application No; filed
\boxtimes	Application claims priority from Application No. 60/616,063, filed October 4, 2004,
	all applications listed above being hereinafter referred to as the "application(s)";

(We hereby authorize and request our attorney, (Alston & Bird LLP) to insert above the application number and filing date of said application when known.)

said application for United States Letters Patent, including all divisional, renewal, substitute, continuation, nonprovisionals, continuation-in-parts, and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues, reexaminations, and extensions of Letters Patent granted for said inventions or upon said applications and every priority right that is or may be predicated upon or arise from said inventions, said applications, and said Letters Patent; said Assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said Assignee or otherwise as said Assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America being hereby authorized to issue or transfer all said Letters Patent to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right theretofore given, and that the undersigned will do all acts reasonably serving to ensure that the said inventions, patent applications and Letters Patent shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said Assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, declarations, and lawful affidavits in form and substance which may be requested by said Assignee, to furnish said Assignee with all

> PATENT REEL: 017064 FRAME: 0545

facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may embody said inventions, and to testify in any proceedings relating to said inventions, patent applications, and/or Letters Patent.

The undersigned hereby grant(s) an authorized representative of Assignee the power to insert in this Assignment any further identification that may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

William W. Smith, III

State of Washington

County of King

I, Mance W. Bourn, a Notary Public for said County and State, do hereby certify that William W. Smith, III personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 15th day of September, 2005.

(Official Seal)

Notary Public

0/15/2005 (///////////////////////////////////	***.
Date David A Bennett	-
State of Washington)	
County of King)	
I, Nonce W. Bourn, a Notary Public for said County and State, do hereby certify that David A Bennett personally appeared before me this day and acknowledged the deexecution of the foregoing instrument.	ue
Witness my hand and official seal, this the 15th day of September, 2005.	
(Official Seal) Notary Public	
My commission expires $\frac{2/1/07}{}$	
16 Sept 2005 Jaul A. Bilibin Paul A. Bilibin	
State of Washington) County of King	
ertify that Paul A. Bilibin personally appeared before me this day and acknowledged the due execution of the foregoing instrument.	
Witness my hand and official seal, this the 16 th day of September, 2005.	
Official Seal)	/
My commission expires $\frac{2/1/07}{}$	

9-15-05 Mu a Then
Date Mark A. Bjerke
State of Washington)
County of Kina
I, <u>Nancy W. Bourn</u> , a Notary Public for said County and State, do hereby certify that Mark A. Bjerke personally appeared before me this day and acknowledged the due execution of the foregoing instrument.
Witness my hand and official seal, this the 15 th day of September, 2005.
(Official Seal) Notary Public
My commission expires $\frac{2/1}{0.7}$
9-19-2005 Shoundul un Date Lynn S. Goldhaber
State of Washington) County of King
I, <u>Nancy W Bourn</u> , a Notary Public for said County and State, do hereby certify that Lynn's. Goldhaber personally appeared before me this day and acknowledged the due execution of the foregoing instrument.
Witness my hand and official seal, this the 19th day of September, 2005.
(Official Seal) Notary Public
My commission expires $\frac{2/1/0}{7}$

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9-16-05	Munha
Date	Hsiangwen S. Hu
State of Washington)	
County of King ()	
	tary Public for said County and State, do hereby peared before me this day and acknowledged the due
Witness my hand and official seal, this the	16th day of September, 2005.
(Official Seal)	Motary Public
My commission expires $\frac{2/i/0}{7}$	Notary Public
	\mathcal{O} V_{i} \mathcal{H}
9-14-05 Date	Lory E. Krett
State of Washington)	
County of King	
I, None W. Bourn, a Not certify that Lory E. Krett personally appeared execution of the foregoing instrument.	tary Public for said County and State, do hereby ed before me this day and acknowledged the due
Witness my hand and official seal, this the _	16th day of September, 2005.
(Official Seal)	Janey W Bour
My commission expires $\frac{2/i/07}{}$	Notary Public

Sept. 15th, 2005 agreed
Date Jinyue Liu
State of Washington)
County of King
I, Nancy W. Bourn, a Notary Public for said County and State, do hereby certify that Jinyue Liu personally appeared before me this day and acknowledged the due execution of the foregoing instrument.
Witness my hand and official seal, this the 15th day of September, 2005.
(Official Seal)
My commission expires $2/1/07$ Notary Public
Date Paul R. McLaughlin
Date / Paul R. McLaughlin
State of Washington
County of King
I, Manage McLaughlin personally appeared before me this day and acknowledged the due execution of the foregoing instrument.
Witness my hand and official seal, this the 15 th day of September, 2005.
(Official Seal)
My commission expires $2 / 07$

	,
9/15/2005	Reichie R. Meben
Date	Reichie R. Nelson
State of Washington)	
County of King	
I, Nancy W. Bourn, a No certify that Reichia R. Nelson personally ap execution of the foregoing instrument.	tary Public for said County and State, do hereby speared before me this day and acknowledged the due
Witness my hand and official seal, this the _	15th day of September, 2005.
(Official Seal) My commission expires $2/(\sqrt{0})$	Motary Public
My commission expires $\frac{\sqrt{7170}}{9}$	Chali IMent
Date	Charles D. Mentzer
State of Washington)	
County of King	
I, <u>Concultation</u> , a Note certify that Charles D. Mentzer personally are due execution of the foregoing instrument.	ary Public for said County and State, do hereby opeared before me this day and acknowledged the
Witness my hand and official seal, this the _	19 th day of September, 2005.
(Official Seal)	Maney W. Bourn
My commission expires $\frac{2}{1/3}$	Notary Public

•	
9-16-05 Data	2 Stark
Date	Matthew J. Smith
State of Washington)	
County of King	
I, Mancy W. Bourn, a	Notary Public for said County and State, do hereby
certify that Matthew J. Smith personally execution of the foregoing instrument.	appeared before me this day and acknowledged the due
Witness my hand and official seal, this t	the 16th day of September, 2005.
(Official Seal)	mancy W. Bourn
My commission expires $\frac{2/1/07}{}$	Notary Public
9/15/2005	Harled Min
Date	Harland F. Maier
State of Washington County of King	
certify that Harland F. Maier personally execution of the foregoing instrument.	Notary Public for said County and State, do hereby appeared before me this day and acknowledged the due
Witness my hand and official seal, this t	he 15th day of September, 2005.
(Official Seal)	Mancy W. Bour
My commission expires $2/1/07$	Notary Public

9/15/2005 Date	Heffy Cm Stul Geoffrey Carl McGrath
State of Washington)	U - Personal State State
County of King ()	
	ary Public for said County and State, do hereby ly appeared before me this day and acknowledged at.
Witness my hand and official seal, this the _	15th day of September, 2005.
(Official Seal)	mancy W. Bour

My commission expires $\frac{2/1/0}{7}$

ANOTARY Public

ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

United Parcel Service of America, Inc. a Delaware Corporation 55 Glenlake Parkway County of Fulton, State of Georgia, 30328

its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries in and to the invention in

"CONTROLLED DEPLOYMENT OF SOFTWARE IN A WEB-BASED ARCHITECTURE"

executed concurrently herewith
executed on September 15, 2005; September 16, 2005; September 19, 2005
Application No. ___; filed
Application claims priority from Application No. 60/616,063, filed October 4, 2004, all applications listed above being hereinafter referred to as the "application(s)";

as set forth in this United States Patent Application

(We hereby authorize and request our attorney, (Alston & Bird LLP) to insert above the application number and filing date of said application when known.)

said application for United States Letters Patent, including all divisional, renewal, substitute, continuation, nonprovisionals, continuation-in-parts, and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues, reexaminations, and extensions of Letters Patent granted for said inventions or upon said applications and every priority right that is or may be predicated upon or arise from said inventions, said applications, and said Letters Patent; said Assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said Assignee or otherwise as said Assignee may deem advisable. under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America being hereby authorized to issue or transfer all said Letters Patent to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right theretofore given, and that the undersigned will do all acts reasonably serving to ensure that the said inventions, patent applications and Letters Patent shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said Assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, declarations, and lawful affidavits in form and substance which may be requested by said Assignee, to furnish said Assignee with all

> PATENT REEL: 017064 FRAME: 0554

facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may embody said inventions, and to testify in any proceedings relating to said inventions, patent applications, and/or Letters Patent.

The undersigned hereby grant(s) an authorized representative of Assignee the power to insert in this Assignment any further identification that may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

William W. Smith, III

State of Washington

County of King

I, Mane W. Smith, III personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 15th day of September, 2005.

(Official Seal)

My commission expires 2/1/07

9/15/2005 (///////
David A Bennett
State of Washington)
County of Kine
I, Nonce, W. Bourn, a Notary Public for said County and State, do hereby certify that David A Bennett personally appeared before me this day and acknowledged the due execution of the foregoing instrument.
Witness my hand and official seal, this the 15th day of September, 2005.
(Official Seal)
My commission expires $\frac{2}{1/07}$ Notary Public
16 Sept 2005 Jan Bilibin Paul A. Bilibin
State of Washington)
County of King()
I, Yana Wotary Public for said County and State, do hereby certify that Paul A. Bilibin personally appeared before me this day and acknowledged the due execution of the foregoing instrument.
Witness my hand and official seal, this the 16th day of September, 2005.
(Official Seal)
My commission expires $\frac{2/1/07}{}$

•	
9-15-05 Date	Mark A. Bjerke
*	William 71. Djoine
State of Washington) County of King	
I, Mancy W. Bourn, an	otary Public for said County and State, do hereby beared before me this day and acknowledged the due
Witness my hand and official seal, this the	15th day of September, 2005.
(Official Seal) My commission expires $\frac{2/1/07}{}$	Notary Public
9-19-2005 Date	Shounded am Lynn S. Goldhaber
certify that Lynn S. Goldhaber personally:	otary Public for said County and State, do hereby appeared before me this day and acknowledged the
due execution of the foregoing instrument. Witness my hand and official seal, this the	19th day of September, 2005.
(Official Seal)	Jane W. Bourn
My commission expires $2/i/07$	Notary Public

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9-16-05	Munha
Date	Hsiangwen S. Hu
State of Washington)	
County of king)	
certify that Hsiangwen S. Hu personally appear execution of the foregoing instrument.	y Public for said County and State, do hereby red before me this day and acknowledged the due
Witness my hand and official seal, this the 10	eth day of September, 2005.
(Official Seal)	Janes W. Bour
My commission expires $2/1/07$	Notary Public
9-14-05 Date	Logy E. Krett
State of Washington)	
County of King	
I, Notary Certify that Lory E. Krett personally appeared be execution of the foregoing instrument.	Public for said County and State, do hereby efore me this day and acknowledged the due
Witness my hand and official seal, this the 16	day of September, 2005.
(Official Seal)	Janey W. Bauen
My commission expires $\frac{2/1/07}{}$	Notary Public

Sept. 15th, 2005 Dujund
Date Jinyae Liu
State of Washington)
County of King
I, <u>Nancy W. Bourn</u> , a Notary Public for said County and State, do hereby certify that Jinyue Liu personally appeared before me this day and acknowledged the due execution of the foregoing instrument.
Witness my hand and official seal, this the 15th day of September, 2005.
(Official Seal)
My commission expires 2/1/07 Notary Public
Date Paul R. McLaughlin
Date Paul R. McLaughlin
State of Washington
County of King
I, Nancy Dour a Notary Public for said County and State, do hereby certify that Paul R McLaughlin personally appeared before me this day and acknowledged the due execution of the foregoing instrument.
Witness my hand and official seal, this the 15 th day of September, 2005.
(Official Seal)
My commission expires $\approx 1/400$

9/15/2005	Reichie R. Meben
Date	Reichie R. Nelson
State of Washington)	
County of King	
I, Mancy W. Bourn, a Notar	y Public for said County and State, do hereby ared before me this day and acknowledged the due
Witness my hand and official seal, this the	5th day of September, 2005.
(Official Seal) My commission expires $2/(67)$	Notary Public
9/19/2005	Charles Mentre
Date	Charles D. Mentzer
State of Washington) County of King	
I, Mancy W. Bourn, a Notary	Public for said County and State, do hereby eared before me this day and acknowledged the
Witness my hand and official seal, this the!	9 th day of September, 2005.
(Official Seal)	Jane, W. Bourn
My commission expires 2 /// 47	Notary Public

9 - 16 - 05 Date Matthew J. Smith
State of Washington County of King I, Mancy Washington a Notary Public for said County and State, do hereby certify that Matthew J. Smith personally appeared before me this day and acknowledged the due execution of the foregoing instrument.
Witness my hand and official seal, this the 16th day of September, 2005.
(Official Seal) Notary Public
My commission expires $\frac{2/1/07}{}$
Date 9/15/2005 Warland F. Maier
State of Washington County of King
I, Notary Public for said County and State, do hereby certify that Harland F. Maier personally appeared before me this day and acknowledged the due execution of the foregoing instrument.
Witness my hand and official seal, this the 15th day of 5eptember, 2005.
(Official Seal) My commission expires 2/1/07 Notary Public

9/15/2005 Date	Geoffrey Carl McGrath
State of Washington)	
County of King)	
I, Mancy W. Bourn, a No certify that Geoffrey Carl McGrath persona the due execution of the foregoing instrume	tary Public for said County and State, do hereby lly appeared before me this day and acknowledged ent.
Witness my hand and official seal, this the	15th day of September, 2005.
(Official Seal)	Notary Public
My commission expires $\frac{2}{1/0}$	Trongly I dolle

-9-

RECORDED: 09/28/2005

Attorney Docket No. 018360/290096