Form PTO-1595 (Rev. 08/05) DMB No. 0651-0027 (exp. 6/30/2008)	9 - 2006 U.S. DEPARTMENT OF COMMERCE nited States Patent and Trademark Office	
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To the Director of the U.S. Patent and Trauemark Office: Please	record the attached documents or the new address(es) below.	
Name of conveying party(ies):	2. Name and address of receiving party(ies)	
Thomas WAILES (10/11/2006), Gareth J. FINUCANE (10/12/2006), Michael J. LAWLESS (10/11/2006), Additional name(s) of conveying party(ies) attached? X Yes No	Name: Yahoo! Inc. Internal Address: Street Address:	
3. Nature of conveyance/Execution Date(s):	1	
Execution Date(s): in parentheses after inventor name X Assignment Merger Change of Name	701 First Avenue	
Security Agreement Joint Research Agreement	City: Sunnyvale	
Government Interest Assignment	State: California	
Executive Order 9424, Confirmatory License Other	Country: United States of America Zip: 94089 Additional name(s) & address(es) Yes X No attached?	
A. Patent Application No.(s) This application Additional numbers attached? B. Patent No.(s) Yes x No		
Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:	
Name: Thomas Chan MORRISON & FOERSTER LLP Internal Address: Atty. Dkt.: 324212016000 Street Address: 755 Page Mill Road	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged by credit card X Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)	
City: Palo Alto	8. Payment Information	
State: CA Zip: 94304-1018 Phone Number: (650) 813-5616	a. Credit Card Last 4 Numbers Expiration Date	
Fax Number: (650) 494-0792	b. Deposit Account Number 03-1952	
Email Address: TChan@mofo.com	Authorized User Name Thomas Chan	
9. Signature: October 13, 2006 Date Thomas Chan - 51,543 Total number of pages including cover sheet, attachments, and documents:		
Name of Person Signing	oneog attachmente, and decamente.	

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PATENT REEL: 018417 FRAME: 0476

Form PTO-1595	RECOR	DATION FORM COVER SHEET (CONTINUED)	
Additional Convey	ing Party(ies)/Exec	cution Date(s) (1. Continued):	
Mark E. WEHNER (10	0/12/2006), and Rodne	y J. FERNANDEZ (10/11/2006)	
Additional Assigne	ees (2. Continued):		
Assignee Name:			
Internal Address: Street Address:			
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Internal Address:			
Street Address:			
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Additional Applica	ations and/or Paten	ts (4. Continued):	:
Additional Patent Applicati 4A. Continued:	ion Numbers	Additional Patent Numbers 4B. Continued:	
- -			
	Additional number	rs attached? Yes X No	

Docket No.: 324212011100

JOINT ASSIGNMENT OF PATENT APPLICATION BY INVENTORS

METHOD AND SYSTEM FOR NAVIGATING A MAP

Whereas we, undersigned inventors (hereinafter "INVENTORS"), have invented certain new and useful improvements as set forth in the patent application entitled:

for which we have executed a U.S. patent application on even date herewith. which bears U.S. application serial No._____, filed _____. for which we have executed a patent application in the country of on even date herewith. which we have executed a U.S. provisional application on even date herewith. which is a U.S. provisional application which bears U.S. application serial No. _____, filed _____. For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, undersigned inventors, hereby:

- (a) Sell, assign and transfer to Yahoo! Inc., a Delaware corporation having a place of business at 701 First Avenue, Sunnyvale, California 94089 (hereinafter "ASSIGNEE"), (1) the entire right, title and interest, and any and all revenues and rights to revenue, for any purpose, associated with commercialization, everywhere in the world, to (A) any and all inventions described in said Application, (B) said Application, (C) any patent that may be granted thereof, (D) any patent applications or patents which may claim priority of (or serve as the basis for a priority claim by) said Application (including but not limited to continuations, divisions, continuations-in-part, substitutes, reissues, reexaminations or extensions thereof, together with all priority rights and counterpart applications under any existing or future international patent conventions, agreements or treaties); and (2) the right to sue third parties for patent infringement (including but not limited to damages) accruing based on activities occurring prior to the execution date hereofi
- Authorize and request the Commissioner of Patents to issue any and all United States (b) Patents resulting from said application or any division, continuation, substitute, renewal, reexamination or reissue thereof to the ASSIGNEE.
- Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, and to communicate to the ASSIGNEE any facts known to us respecting the improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative

Page 1 of 5

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applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.

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- (d) Warrant and covenant that no other assignment, license, contract, understanding, interest or other grant to any third party with respect to any of the foregoing has been made, or shall in the future be made, by or on behalf of INVENTORS.
- (e) Covenant not to challenge the validity or enforceability of any of the patent applications or patents assigned to ASSIGNEE hereunder.
- (f) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon the INVENTORS, as well as the INVENTORS' heirs, legal representatives and assigns.
- (g) Authorize and request our attorney/agent to insert above the application number in order to assist with recordal of this assignment or any other information necessary to perfect this assignment.

IN TESTIMONY WHEREOF, I Thomas WAIL	LES have executed this document on
the date indicated below.	
Thanks want	10/4/06
Signature of Inventor	Date
Sunnyvale, California	
Inventor's City, State of residence	
Witnessed by:	
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Jame Ino	SAN FRANCISCO, CA
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Page 2 of 5

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Oakland, California Inventor's City, State of residence Witnessed by: (1) Signature of Witness	
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PATENT REEL: 018417 FRAME: 0480

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IN TESTIMONY WHEREOF, I Rodney J.	FERNANDEZ have executed this
document on the date indicated below.	
Signature of Inventor	Date
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Inventor's City, State of residence	
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Page 5 of 5

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PATENT REEL: 018417 FRAME: 0482

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JOINT ASSIGNMENT OF PATENT APPLICATION BY INVENTORS

Whereas we, undersigned inventors (hereinafter "INVENTORS"), have invented certain new and useful improvements as set forth in the patent application entitled:

METHOD AND SYSTEM FOR NAVIGATING A MAP	:
for which we have executed a U.S. patent application on even date herewith.	් ග ට 4 රාජ්ර
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for which we have executed a patent application in the country of	on even
which we have executed a U.S. provisional application on even date herewith.	
which is a U.S. provisional application which bears U.S. application serial No, filed	
For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, undersigned inventors, hereby:	
(a) Sell, assign and transfer to Yahoo! Inc., a Delaware corporation having a place business at 701 First Avenue, Sunnyvale, California 94089 (hereinafter "ASSIGNEE entire right, title and interest, and any and all revenues and rights to revenue, for any associated with commercialization, everywhere in the world, to (A) any and all invented described in said Application, (B) said Application, (C) any patent that may be granted (D) any patent applications or patents which may claim priority of (or serve as the base priority claim by) said Application (including but not limited to continuations, division continuations—in-part, substitutes, reissues, reexaminations or extensions thereof, togall priority rights and sounterpart applications under any existing or future internation conventions, agreements or treaties); and (2) the right to sue third parties for patent in (including but not limited to damages) accruing based on activities occurring prior to execution date hereof. (b) Authorize and request the Commissioner of Patents to issue any and all Unite Patents resulting from said application or any division, continuation, substitute, rene examination or reissue thereof to the ASSIGNEE.	"), (1) the purpose, ations ed thereof, asis for a cons, ether with nal patent of the ed States
(c) Agree to execute all papers and documents and, entirely at the ASSIGNEE's and to communicate to the ASSIGNEE any facts known to us respecting the improve	

Page 1 of 5

testify in any legar-proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications make all rightful oaths and generally perform any acts which are reasonably

necessary in connection with the prosecution of said application, as well as any derivative

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applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.

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- (d) Warrant and covenant that no other assignment, license, contract, understanding, interest or other grant to any third party with respect to any of the foregoing has been made, or shall in the future be made, by or on behalf of INVENTORS.
- (e) Covenant not to challenge the validity or enforceability of any of the patent applications or patents assigned to ASSIGNEE hereunder.
- (f) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon the INVENTORS, as well as the INVENTORS' heirs, legal representatives and assigns.
- (g) Authorize and request our attorney/agent to insert above the application number in order to assist with recordal of this assignment or any other information necessary to perfect this assignment.

the date indicated below.		
Signature of Inventor	Date	
Sunnyvale, California		
Inventor's City, State of residence		-},
Witnessed by:		371
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Signature of Witness	Date	
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Print Witness Name	Witness' City, State of residence	
(2) Signature of Witness	Date	
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Print Witness Name	Witness' City, State of residence	

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document on the date indicated below.	NAVE EXECUTED THIS	
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Signature of Inventor	Date / /	
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IN TESTIMONY WHEREOF, I Michael J. I	LAWLESS have executed this docu	ıment
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Inventor's City, State of residence		
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Signature of Inventor	Date
Mountain View, California	
Inventor's City, State of residence	
Witnessed by:	-
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IN TESTIMONY WHEREOF, I Rodney. document on the date indicated below.	J. FERNANDEZ have executed this
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Signature of Inventor	Date
Cupertino, California	
Inventor's City, State of residence	

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PATENT REEL: 018417 FRAME: 0486

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Witness' City, State of residence
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Witness' City, State of residence

Page 5 of 5

JOINT ASSIGNMENT OF PATENT APPLICATION BY INVENTORS

Whereas we, undersigned inventors (hereinafter "INVENTORS"), have invented certain new and useful improvements as set forth in the patent application entitled:

METHOD AND SYSTEM FOR NAVIGATING A MAP

for which we have executed a U.S. patent application on even date herewith.	
which bears U.S. application serial No, filed	
for which we have executed a patent application in the country of date herewith.	on even
which we have executed a U.S. provisional application on even date herewith.	
The which is a U.S. provisional application which bears U.S. application serial No, filed	
For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, undersigned inventors, hereby:	
business at 701 First Avenue, Sunnyvale, California 94089 (hereinafter "ASSIGNEE" entire right, title and interest, and any and all revenues and rights to revenue, for any associated with commercialization, everywhere in the world, to (A) any and all invendescribed in said Application, (B) said Application, (C) any patent that may be granted (D) any patent applications or patents which may claim priority of (or serve as the base priority claim hy) said Application (including but not limited to continuations, division continuations-in-part, substitutes, reissues, reexaminations or extensions thereof, together applications or extensions thereof, together applications and counterpart applications under any existing or future internation conventions, agreements or treaties); and (2) the right to sue third parties for patent in (including but not limited to damages) accruing based on activities occurring prior to execution date hereoff.	'), (1) the purpose, tions of thereof, sis for a ons, ether with hall patent of the purpose.
(b) Authorize and request the Commissioner of Patents to issue any and all Unite Patents resulting from said application or any division, continuation, substitute, renevexamination or reissue thereof to the ASSIGNEE.	
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Page 1 of 5

reissue applications, make all rightful oaths and generally perform any acts which are reasonably

necessary in connection with the prosecution of said application, as well as any derivative

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applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.

- (d) Warrant and covenant that no other assignment, license, contract, understanding, interest or other grant to any third party with respect to any of the foregoing has been made, or shall in the future be made, by or on behalf of INVENTORS.
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- (g) Authorize and request our attorney/agent to insert above the application number in order to assist with recordal of this assignment or any other information necessary to perfect this assignment.

IN TESTIMONY WHEREOF, I Thomas WA	ILES have executed this document on
the date indicated below.	
Signature of Invertor	Date
Sunnyvale, California Inventor's City, State of residence	
Witnessed by:	
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Signature of Witness	Date
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Print Witness Name (14) (14b)	Witness' City, State of residence
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Print Witness Name	Witness' City, State of residence

Page 2 of 5

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itnessed by:	
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N TESTIMONY WHEREOF, I <u>Michael J. L.</u> n the date indicated below.	AWLESS have executed this docu
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ventor's City, State of residence Vitnessed by: ignature of Witness	10/11/06

Page 3 of 5

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Signature of Inventor	Date
Mountain View, California	
inventor's City, State of residence	
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IN TESTIMONY WHEREOF, 1 Rodney J. FE	RNANDEZ have executed this
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Rodney Francisco	10 - 11 - 200 G
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Cupertino, California	
Inventor's City, State of residence	

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a Chi Bol	10/11/06
Signature of Witness	Date
Eldre Bascock	Sac Jose, CA
Print Witness Name	Witness' City State of residence

JOINT ASSIGNMENT OF PATENT APPLICATION BY INVENTORS

Whereas we, undersigned inventors (hereinafter "INVENTORS"), have invented certain new and useful improvements as set forth in the patent application entitled:

METHOD AND SYSTEM FOR NAVIGATING A MAP for which we have executed a U.S. patent application on even date herewith. which bears U.S. application serial No. , filed ______, for which we have executed a patent application in the country of date herewith. which we have executed a U.S. provisional application on even date herewith. which is a U.S. provisional application which bears U.S. application serial No. ______, filed _______. For good and valuable consideration, the receipt and sufficiency of which is hereby

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- Sell, assign and transfer to Yahoo! Inc., a Delaware corporation having a place of business at 701 First Avenue, Sunnyvale, California 94089 (hereinafter "ASSIGNEE"), (1) the tentire right, title and interest, and any and all revenues and rights to revenue, for any purpose, associated with commercialization, everywhere in the world, to (A) any and all inventions described in said Application, (B) said Application, (C) any patent that may be granted thereof, (D) any patent applications or patents which may claim priority of (or serve as the basis for a priority claim by) said Application (including but not limited to continuations, divisions, continuations-in-part, substitutes, reissues, reexaminations or extensions thereof, together with all priority rights and counterpart applications under any existing or future international patent conventions, agreements or treaties); and (2) the right to sue third parties for patent infringement (including but not limited to damages) accruing based on activities occurring prior to the execution date hereof.
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- (g) Authorize and request our attorney/agent to insert above the application number in order to assist with recordal of this assignment or any other information necessary to perfect this assignment.

IN TESTIMONY WHEREOF, I Thomas W	AILES have	executed this document on	
the date indicated below.		* \$.	
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Signature of Inventor	Date		
Sunnyvale, California			
Inventor's City, State of residence			
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inventor's City, State of residence		•
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IN TESTIMONY WHEREOF, I Michael	J. LAWLESS	
IN TESTIMONY WHEREOF, I <u>Michael</u> on the date indicated below.	J. LAWLESS	
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	J. LAWLESS Date	
on the date indicated below. Signsture of Inventor Oakland, California		have executed this
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Page 3 of 5

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Signet

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Signature of Witness	Date	6
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IN TESTIMONY WHEREOF, I <u>Mark E. W</u> on the date indicated below.	/EHNER	have executed this documen
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Signature of Inventor	Date	
Mountain View, California Inventor's City, State of residence	-	
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Signature of Witness	Date	
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SCIT EDWARDS		FRANCISCO LA
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IN TESTIMONY WHEREOF, I Rodney J.	FERNANDEZ	have executed this
document on the date indicated below.		(3)4 (1995) (2)4 (1995) (2)4 (1995)
Signature of Inventor	Date	
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Signature of Witness	Date
Print Witness Name	Witness' City, State of residence
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Signature of Witness	Date
Print Witness Name	Witness' City, State of residence

Page 5 of 5

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