Form PTO-1595 (Rev. 07/05) QMB No. 0551-0027 (exp. 6/30/2008)	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office		
RECORDATION FOR			
PATENTS ONLY			
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.			
Name of conveying party(les):	2. Name and address of receiving party(ies)		
Lie YANG (12/08/2005), Thomas KRAUS	Name: Yahool Inc.		
(12/14/2005), Markus MEYER (12/14/2005), and	-		
Venkatachary SRINIVASAN (12/08/2005) Addillonal name(s) of conveying party(les) attached? Yes X No	Internal Address: Street Address:		
3. Nature of conveyance/Execution Date(s):			
Execution Date(s): in parentheses after inventor name	701 First Avenue		
x Assignment Merger Change of Name			
Security Agreement Joint Research Agreement	City: Sunnyvale		
Government Interest Assignment	State: California		
Executive Order 9424, Confirmatory License	Country: United States of America Zip: 94089		
Other	Additional name(s) & address(es) Yes X No attached:		
A. Patent Application No.(s) 11/262,194 Additional numbers attached	B. Patent No.(s)		
5. 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	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00		
Internal Address: Atty. Dkt.: 324212002900	Authorized to be charged by credit card		
Street Address: 755 Page Mill Road	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	a. Credit Card Last 4 Numbers		
Phone Number: (650) 813-5616	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:	D		
Signature			
Thomas Chan - 51,543			
Name of Person Signing	sheet, attachments, and documents: 8		

**PATENT REEL: 017135 FRAME: 0672** 

Attorney Docket No.: 324212002900

## ASSIGNMENT JOINT

THIS ASSIGNMENT, by Lie YANG, Thomas KRAUS, Markus MEYER, and Venkatachary SRINIVASAN (hereinafter referred to as the assignors), residing at 960 Amarillo Avenue, Palo Alto, California 94303, Lombekstrasse 3b, 22529 Hamburg, Germany, Winsener Landstrasse 26, Winsen Luhe, 21423, Germany, and 781 The Dalles Avenue, Sunnyvale, California 94087, respectively, witnesseth:

WHEREAS, said assignors have invented certain new and useful improvements in LOW CODE-FOOTPRINT SECURITY SOLUTION, set forth in an application for Letters Patent of the United States, bearing Serial No. 11/262,194 and filed on October 28, 2005; and

WHEREAS, Yahoo! Inc., a corporation duly organized under and pursuant to the laws of Delaware and having its principal place of business at 701 First Avenue, Sunnyvale, California 94089 (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 consideration, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do 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 assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners 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 assignors have 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 assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, 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

pa-1020142

Application No.: 11/262,194

Attorney Docket No.: 324212002900

defense of Letters Patent for said inventions, without charge to said assignce, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignors hereby request 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 of said assignee, its successors, legal representatives and assigns.

Date

Thomas KRAUS

Date

Markus MEYER

2

Application No.: 11/262,194

## ALL-PURPOSE ACKNOWLEDGMENT

County of Santa clara	_ <b>J</b>
On $\underbrace{\frac{0ee.08}{(DATE)}}$ before me,	Lly M. Chon,
personally appearedV	en Katachang srini vasan
	proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ics), and that by his/her/their signatures(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.
	WITNESS my hand and official seal.
	11 M Chen NOTARY'S SIGNATURE
	NFORMATION
The information below is not required by law. However	Last Lagrange pure
The information below is not required by law. However edgment to an unauthorized document.	NFORMATION
The information below is not required by law. However edgment to an unauthorized document.	NFORMATION
The information below is not required by law. However edgment to an unauthorized document.  CAPACITY CLAIMED BY SIGNER (PRINCIPAL)	NFORMATION
The information below is not required by law. However edgment to an unauthorized document.  CAPACITY CLAIMED BY SIGNER (PRINCIPAL)  INDIVIDUAL	NFORMATION
The information below is not required by law. However edgment to an unauthorized document.  CAPACITY CLAIMED BY SIGNER (PRINCIPAL)  INDIVIDUAL  CORPORATE OFFICER	NFORMATION
The information below is not required by law. However edgment to an unauthorized document.  CAPACITY CLAIMED BY SIGNER (PRINCIPAL)  INDIVIDUAL CORPORATE OFFICER	NFORMATION
The information below is not required by law. However edgment to an unauthorized document.  CAPACITY CLAIMED BY SIGNER (PRINCIPAL)  INDIVIDUAL CORPORATE OFFICER  PARTNER(S)	NFORMATION
The information below is not required by law. However edgment to an unauthorized document.  CAPACITY CLAIMED BY SIGNER (PRINCIPAL)  INDIVIDUAL CORPORATE OFFICER  PARTNER(S) ATTORNEY-IN-FACT TRUSTEE(S) GUARDIAN/CONSERVATOR	NFORMATION
The information below is not required by law. However edgment to an unauthorized document.  CAPACITY CLAIMED BY SIGNER (PRINCIPAL)  INDIVIDUAL CORPORATE OFFICER  PARTNER(S) ATTORNEY-IN-FACT TRUSTEE(S)	NFORMATION  it could prevent fraudulent attachment of this acknowl-  DESCRIPTION OF ATTACHED DOCUMENT  TITLE OR TYPE OF DOCUMENT  NUMBER OF PAGES
The information below is not required by law. However edgment to an unauthorized document.  CAPACITY CLAIMED BY SIGNER (PRINCIPAL)  INDIVIDUAL CORPORATE OFFICER  PARTNER(S) ATTORNEY-IN-FACT TRUSTEE(S) GUARDIAN/CONSERVATOR	NFORMATION  it could prevent fraudulent attachment of this acknowl-  DESCRIPTION OF ATTACHED DOCUMENT  TITLE OR TYPE OF DOCUMENT  NUMBER OF PAGES

VALLEY-SIERRA, 800-362-3369

PATENT REEL: 017135 FRAME: 0675 

## ALL-PURPOSE ACKNOWLEDGMENT

County ofSanta classa	_ J	
On	Lily Che	<i>s</i> a
On Dac. Of 2005 before me, personally appeared	Lie Yana	· ·
positionary appositor	SIGNER(S)	
personally known to me - OR - Remainstant and the control of the c	evidence to be the persis/are subscribed to the acknowledged to me that the same in his/he capacity(ies), and the signatures(s) on the instructions	son(s) whose name(s) within instrument and it he/she/they executed or/their authorized hat by his/her/their trument the person(s),
est Municipal en	or the entity upon b person(s) acted, execute	
	WITNESS my hand and	official seal.
	71 10	. 1
	J. W. W. STINKY'S STI	2
	J. W. NOTARY'S STI	2
• •	NFORMATION ———	
The information below is not required by law. Howeve	NFORMATION ———	
The information below is not required by law. Howeve edgment to an unauthorized document.	NFORMATION	tachment of this acknowl-
The information below is not required by law. However edgment to an unauthorized document.  CAPACITY CLAIMED BY SIGNER (PRINCIPAL)	NFORMATION	tachment of this acknowl-
The information below is not required by law. However edgment to an unauthorized document.  CAPACITY CLAIMED BY SIGNER (PRINCIPAL)  INDIVIDUAL	NFORMATION	tachment of this acknowl-
The information below is not required by law. However edgment to an unauthorized document.  CAPACITY CLAIMED BY SIGNER (PRINCIPAL)	NFORMATION  r, it could prevent fraudulent at  DESCRIPTION OF ATTA	tachment of this acknowl-
The information below is not required by law. However edgment to an unauthorized document.  CAPACITY CLAIMED BY SIGNER (PRINCIPAL)  INDIVIDUAL	NFORMATION	tachment of this acknowl-
The information below is not required by law. However edgment to an unauthorized document.  CAPACITY CLAIMED BY SIGNER (PRINCIPAL)  INDIVIDUAL  CORPORATE OFFICER	NFORMATION  r, it could prevent fraudulent at  DESCRIPTION OF ATTA	tachment of this acknowl-
The information below is not required by law. However edgment to an unauthorized document.  CAPACITY CLAIMED BY SIGNER (PRINCIPAL)  INDIVIDUAL  CORPORATE OFFICER	NFORMATION  r, it could prevent fraudulent at  DESCRIPTION OF ATTA	tachment of this acknowl- CHED DOCUMENT OF DOCUMENT
The information below is not required by law. However edgment to an unauthorized document.  CAPACITY CLAIMED BY SIGNER (PRINCIPAL)  INDIVIDUAL CORPORATE OFFICER  PARTNER(S)	NFORMATION  r, it could prevent fraudulent at  DESCRIPTION OF ATTA  TITLE OR TYPE O	tachment of this acknowl- CHED DOCUMENT OF DOCUMENT
The information below is not required by law. However edgment to an unauthorized document.  CAPACITY CLAIMED BY SIGNER (PRINCIPAL)  INDIVIDUAL CORPORATE OFFICER  PARTNER(S) ATTORNEY-IN-FACT	NFORMATION  r, it could prevent fraudulent at  DESCRIPTION OF ATTA  TITLE OR TYPE O	tachment of this acknowl- CHED DOCUMENT OF DOCUMENT OF PAGES
The information below is not required by law. However edgment to an unauthorized document.  CAPACITY CLAIMED BY SIGNER (PRINCIPAL)  INDIVIDUAL CORPORATE OFFICER  PARTNER(S) ATTORNEY-IN-FACT TRUSTEE(S)	NFORMATION  r, it could prevent fraudulent at  DESCRIPTION OF ATTA  TITLE OR TYPE O	tachment of this acknowl- CHED DOCUMENT OF DOCUMENT OF PAGES
The information below is not required by law. However edgment to an unauthorized document.  CAPACITY CLAIMED BY SIGNER (PRINCIPAL)  INDIVIDUAL CORPORATE OFFICER  PARTNER(S) ATTORNEY-IN-FACT TRUSTEE(S) GUARDIAN/CONSERVATOR	NFORMATION  r, it could prevent fraudulent at  DESCRIPTION OF ATTA  TITLE OR TYPE O	tachment of this acknowl- CHED DOCUMENT OF DOCUMENT OF PAGES
The information below is not required by law. However edgment to an unauthorized document.  CAPACITY CLAIMED BY SIGNER (PRINCIPAL)  INDIVIDUAL CORPORATE OFFICER  PARTNER(S) ATTORNEY-IN-FACT TRUSTEE(S) GUARDIAN/CONSERVATOR	NFORMATION  r, it could prevent fraudulent at  DESCRIPTION OF ATTA  TITLE OR TYPE O	tachment of this acknowl- CHED DOCUMENT  OF DOCUMENT  OF PAGES  OCUMENT
The information below is not required by law. However edgment to an unauthorized document.  CAPACITY CLAIMED BY SIGNER (PRINCIPAL)  INDIVIDUAL CORPORATE OFFICER  PARTNER(S) ATTORNEY-IN-FACT TRUSTEE(S) GUARDIAN/CONSERVATOR OTHER:	NFORMATION  r, it could prevent fraudulent at  DESCRIPTION OF ATTA  TITLE OR TYPE OF DOTH.	tachment of this acknowl- CHED DOCUMENT  OF DOCUMENT  OF PAGES  OCUMENT  ER
The information below is not required by law. However edgment to an unauthorized document.  CAPACITY CLAIMED BY SIGNER (PRINCIPAL)  INDIVIDUAL CORPORATE OFFICER  PARTNER(S) ATTORNEY-IN-FACT TRUSTEE(S) GUARDIAN/CONSERVATOR	NFORMATION  r, it could prevent fraudulent at  DESCRIPTION OF ATTA  TITLE OR TYPE OF DO  DATE OF DO  OTH  RIGHT THUMBPRINT	tachment of this acknowl- CHED DOCUMENT  OF DOCUMENT  OF PAGES  OCUMENT  ER
The information below is not required by law. However edgment to an unauthorized document.  CAPACITY CLAIMED BY SIGNER (PRINCIPAL)  INDIVIDUAL CORPORATE OFFICER  PARTNER(S) ATTORNEY-IN-FACT TRUSTEE(S) GUARDIAN/CONSERVATOR OTHER: SIGNER IS REPRESENTING:	NFORMATION  r, it could prevent fraudulent at  DESCRIPTION OF ATTA  TITLE OR TYPE OF DOTH.	tachment of this acknowl- CHED DOCUMENT  OF DOCUMENT  OF PAGES  OCUMENT

**PATENT REEL: 017135 FRAME: 0676**  )

Attorney Docket No.: 324212002900

## ASSIGNMENT JOINT

THIS ASSIGNMENT, by Lie YANG, Thomas KRAUS, Markus MEYER, and Venkatachary SRINIVASAN (hereinafter referred to as the assignors), residing at 960 Amarillo Avenue, Palo Alto, California 94303, Lembekstrasse 3b, 22529 Hamburg, Germany, Winsener Landstrasse 26, Winsen Luhe, 21423, Germany, and 781 The Dalles Avenue, Sunnyvale, California 94087, respectively, witnesseth:

WHEREAS, said assignors have invented certain new and useful improvements in LOW CODE-FOOTPRINT SECURITY SOLUTION, set forth in an application for Letters Patent of the United States, bearing Serial No. 11/262,194 and filed on October 28, 2005; and

WHEREAS, Yahoo! Inc., a corporation duly organized under and pursuant to the laws of Delaware and having its principal place of business at 701 First Avenue, Sunnyvale, California 94089 (hereinafter referred to as the assignce) 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 consideration, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do 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 assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners 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 assignors have 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 assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, 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

PATENT Annication No. 100 REEL: 017135 FRAME: 0677

Attorney Docket No.: 324212002900

defense of Letters Patent for said inventions, without charge to said assignce, its successors, legal representatives and assigns, but at the cost and expense of said assignce, its successors, legal representatives and assigns.

AND said assignors hereby request 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 thereou for the sole use of said assignce, its successors, legal representatives and assigns.

Date	Lie YANG
14.12-2005	There lave
Date	Thomas KRAUS
AC. 17. 2009	Ca. In
Date	Markus MEYER

Venkatachary SRINIVASAN

2

**RECORDED: 12/20/2005** 

Date