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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original document or copy thereof.		
Name of conveying party(ies):	2. Name and address of reco	eiving party(ies):
Xuejun Wang	Name <u>Yahoo! Inc.</u>	
Brian Lange Acton Venkat Panchapakesan	Internal Address:	<del></del>
Additional name(s) of conveying party(ies) attached?	☐ Yes ⊠ No	
3. Nature of conveyance:		
	Street Address 701 First A	Avenue
☐ Security Agreement ☐ Change of	of Name	
☐ Other	City: SunnyvalgState: C/	A Zip: 94089
Execution Date:April 12, 2004	Oily. Odiniy.org	
	Additional name(s) & addres	s(es) attached? 🔲 Yes 🗵 No
4. Application number(s) or registration number(s):		
If this document is being filed together with a new application, the execution date of the application is:		
A. Patent Application No.(s)	B. Patent No.(s)	
10/725,197		
	Additional numbers attached? ☐ Yes ☒ No	
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<ol><li>Name and address of party to whom corresponder document should be mailed:</li></ol>		ns and patents involved: 1
Name: Moser, Patterson & Sheridan, LL	7. Total fee (37 C.F.R. 3.41)	\$ <u>40</u>
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City: <u>Shrewsbury</u> State: <u>NJ</u> Zip	o: 07702 (Attach outplicate copy of this	,
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9. Signature.		
Kin-Wah Tong 4/14/04		
Name of Person Signing	Signature	Date
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Mail documents to be recorded with required cover sheet information to: Mail Stop Assignment Recordation Services Director - US Patent and Trademark Office P.O. Box 1450, Alexandria, VA 22313-1450

> **PATENT REEL: 014544 FRAME: 0053**

## ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

- 1) Xuejun Wang 1164 Mountain Quail Circle San Jose, CA 95120
- 3) Venkat Panchapakesan 6167 Jarvis Avenue, #235 Newark, CA 94560

2) Brian Lange Acton 12452 Crayside Lane Saratoga, Ca 95070

(hereinafter referred to as Assignors), have invented a certain invention entitled:

## METHOD AND APPARATUS FOR PERFORMING A SEARCH

for which we have filed an application for a Patent of the United States on December 1, 2003, Serial No. 10/725,197; and

WHEREAS, Yahoo! Inc., a corporation of the State of Delaware, having a place of business at 701 First Avenue, Sunnyvale, CA 94089 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as Application), and the invention disclosed therein (hereinafter referred to as Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assignors to have been received in full from said Assignee:

- Said Assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.
- 2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefor and any Patents granted thereon.

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including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.

- 3. The term and covenants of this agreement shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.
- 4. Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

April 12 2004

Xuejun Wang

April (2 , 2004

Brain Lange Actor

April 12\_\_\_, 2004

Venkat Panchapakesan