## PATENT ASSIGNMENT

## Electronic Version v1.1 Stylesheet Version v1.1

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
Pavel Berkhin	06/19/2006
Usama M. Fayyad	06/21/2006
Prabhakar RAGHAVAN	06/15/2006
Andrew Tomkins	06/16/2006

### **RECEIVING PARTY DATA**

Name:	Yahoo! Inc.
Street Address:	701 First Avenue
City:	Sunnyvale
State/Country:	CALIFORNIA
Postal Code:	94089

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12576679

## **CORRESPONDENCE DATA**

Fax Number: (510)663-0920

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 5106631100

Email: edurrell@wavsip.com
Correspondent Name: Joseph M. Villeneuve
Address Line 1: 500 12th Street
Address Line 2: Suite 200

Address Line 4: Oakland, CALIFORNIA 94607

ATTORNEY DOCKET NUMBER: YAH1P017C1/Y01511US02

NAME OF SUBMITTER: Joseph M. Villeneuve

Total Attachments: 12

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PATENT REEL: 023359 FRAME: 0471 6/99/67L

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REEL: 0

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Whereas I, an undersigned inventor, have invented certain new and useful improvements as set forth in the patent application entitled:

#### USER-SENSITIVE PAGERANK

(Ally, Dockel N	No. YAH117017), (check one)
⊠ for v □ whic □ whic	which I have executed a U.S. patent application on even date herewith. (Accompanying) the bears U.S. application No (Not accompanying) the is a U.S. provisional application. (Accompanying)
	d and valuable consideration, the receipt and sufficiency of which is hereby I, an undersigned inventor, hereby:

- 1) Sell, assign and transfer to <u>YAHOO! Inc.</u>, a Delaware corporation having a place of business at 701 First Avenue, Sunnyvale, California 94089 ("ASSIGNEE"), the entire right, (itle and interest in any and all improvements and inventions disclosed in, applications based upon, and patents granted upon (including foreign patents and the right to claim priority), the above-referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all United States Patents resulting from said application or any division, continuation, substitute, renewal, re-examination or reissue thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the torms, 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 inventor, as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I have not entered and will not enter into any assignment, contract, or understanding that conflicts with this assignment.
- 6) Authorize and request my attorney/agent to insert above the application No. in order to assist with recordal of this assignment.

Signed on the date indicated beside my signature.

Revised 01/02, Assign US Notary

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1. Inventor Signature: 🕡	avel Berkhin		Jones .	Date:	June	19,	266
State of California		)					
County of Santa	Clara		22.				
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2. Inventor Signature:		•		Date:			
	Jsama M. Fayya	d					
State of California		)					
County of		)	88.				
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Notary Signature	nggang dikapasah dapang sa a a a da dasarah dikana abanda da						
3. Inventor Signature:	Prabhakar Ragba	ıvan		Date:			
State of California		)					
County of			35.				
On this known to me (or proved to subscribed to the within his/her authorized capacitentity upon behalf of whic WITNESS my har Notary Signature	instrument, a y(ies), and the h the person a d and official	nd acknov at by his/i cted, exce scal.	vledged to ner signatur uted the inst	me that he e on the in:	/she execute	ed the sa	ıme in

4. Inventor Signature:	Date:
Andrew Tom	
State of California	) ) 35.
County of	
On this day of, Note	in the year 2006, before me, ary Public, personally appeared Andrew Tomkins, personally
known to me (or proved to me on the subscribed to the within instrument	e basis of satisfactory evidence) to be the person whose name is , and acknowledged to me that he/she executed the same in that by his/her signature on the instrument the person, or the
entity upon behalf of which the perso WITNESS my hand and office	on acted, executed the instrument.
Notary Signature	

Whereas I, an undersigned inventor, have invented certain new and useful improvements as set forth in the patent application entitled:

#### USER-SENSITIVE PAGERANK

USER-SENSITIVE PAGERAIN
(Atty. Docket No. YAH1P017), (check one)
for which I have executed a U.S. patent application on even date herewith. (Accompanying which bears U.S. application No (Not accompanying) which is a U.S. provisional application. (Accompanying)
For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, an undersigned inventor, hereby:
Sell, assign and transfer to <u>YAHOO! Inc.</u> , a Delaware corporation having a place of busines at 701 First Avenue, Sunnyvale, California 94089 ("ASSIGNEE"), the entire right, title and interes in any and all improvements and inventions disclosed in, applications based upon, and patents granted upon (including foreign patents and the right to claim priority), the above-referenced application.
2) Authorize and request the Commissioner of Patents to issue any and all United States Patent resulting from said application or any division, continuation, substitute, renewal, re-examination or reissue thereof to the ASSIGNEE.
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4) 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 inventor, as well as the inventor's heirs, legal representatives and assigns.
5) Warrant and represent that I have not entered and will not enter into any assignment, contract, or understanding that conflicts with this assignment.
6) Authorize and request my attorney/agent to insert above the application No. in order to assis with recordal of this assignment.

Revised 01/02, Assign US Notary

Signed on the date indicated beside my signature.

1. Inventor Signature:		Date:		
	avel Berkhin			
State of California	)			<b>1</b> 2
_	)	SS.	t	
County of				\$
On this	day of, Notary Public, p	in the personally appeared	year 2006, befor Pavel Berkhin, per	e me, sonally
known to me (or proved to subscribed to the within in his/her authorized capacity entity upon behalf of which WITNESS my hand	me on the basis of satis nstrument, and acknow (ies), and that by his/h the person acted, execu	factory evidence) to be ledged to me that he er signature on the ins	e the person whose r /she executed the s	name is ame in
Notary Signature			(SEAL)	
			,	-
	Jsama M. Fayyad	Date:	6/21/06	
State of California	)	SS.		
County of Santa Cla	_			
On this 215 known to me (or proved to subscribed to the within i his/her authorized capacity entity upon behalf of which WITNESS my hand Notary Signature	nstrument, and acknown (ies), and that by his/hi the person acted, executand official seal.	vledged to me that he er signature on the in	e the person whose its strument the person,	manne is ame in , or the NELSON No. 1588503
3. Inventor Signature:		Date:		•
P	rabhakar Raghavan	•		
State of California	)			
County of		SS.		*
On this		in the	year 2006, befor hakar Raghayan, per	re me, sonally
known to me (or proved to subscribed to the within i his/her authorized capacity entity upon behalf of which WITNESS my hand	me on the basis of satis nstrument, and acknown (ies), and that by his/han the person acted, execu-	sfactory evidence) to by vledged to me that he er signature on the in	e the person whose to s/she executed the s	name is ame in
Notary Signature		1	· SE > 1	
Deviced 01/02 Assign LIS Notacy	1			

4. Inventor Signature:	Date.
Andrew Tomkins	
State of California	) ) ss.
County of	_)
On this day of Notary P	in the year 2006, before me, bublic, personally appeared Andrew Tomkins, personally
subscribed to the within instrument, and	
Notary Signature	(SEAL)

Whereas I, an undersigned inventor, have invented certain new and useful improvements as set forth in the patent application entitled:

#### **USER-SENSITIVE PAGERANK**

(Atty. Do	ocket No. YAH1P017), (check one)
	for which I have executed a U.S. patent application on even date herewith. (Accompanying) which bears U.S. application No (Not accompanying) which is a U.S. provisional application. (Accompanying)
Fe	or good and valuable consideration, the receipt and sufficiency of which is hereby

- 1) Sell, assign and transfer to <u>YAHOO! Inc.</u>, a Delaware corporation having a place of business at 701 First Avenue, Sunnyvale, California 94089 ("ASSIGNEE"), the entire right, title and interest in any and all improvements and inventions disclosed in, applications based upon, and patents granted upon (including foreign patents and the right to claim priority), the above-referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all United States Patents resulting from said application or any division, continuation, substitute, renewal, re-examination or reissue thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) 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 inventor, as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I have not entered and will not enter into any assignment, contract, or understanding that conflicts with this assignment.
- 6) Authorize and request my attorney/agent to insert above the application No. in order to assist with recordal of this assignment.

Signed on the date indicated beside my signature.

acknowledged, I, an undersigned inventor, hereby:

Revised 01/02, Assign US Notary

1. Inventor Signature:			Date:
<del>-</del>	Pavel Berkhin		
State of California	)	SS.	
County of			
On this	_ day of Notary Public.	personally ap	in the year 2006, before me, peared Pavel Berkhin, personally
known to me (or proved subscribed to the within his/her authorized capa entity upon behalf of wi	I to me on the basis of sa in instrument, and ackno	tisfactory evider owledged to me v/her signature o	that he/she executed the same in the instrument the person, or the
Notary Signature			
2. Inventor Signature:	Usama M. Fayyad		Date:
State of California	Usama M. rayyad		
County of		SS.	
On this	_ day of		in the year 2006, before me, ared Usama M. Fayyad, personally
subscribed to the with his/her authorized capa entity upon behalf of wi	in instrument, and acknow	owledged to me her signature o	nce) to be the person whose name is that he/she executed the same in in the instrument the person, or the ment.
Notary Signature			
3. Inventor Signature:	Prabhakar Raghalvan	- Jan	Date: Jun 15th, 2006
State of California	)		
County of Santa	Clara }	SS.	
Calaprice Finney	3 day of June, Notary Public, p	crsonally appear	in the year 2006, before me, red Prabhakar Raghavan, personally
known to me (or proved subscribed to the with his/her authorized capa entity upon behalf of wi	d to me on the basis of sa in instrument, and ackno	atisfactory evider owledged to me s/her signature o	nce) to be the person whose name is that he/she executed the same in the instrument the person, or the
•	_	$\mathcal{L}$	CLARE CALAPRICE FINNE
Notary Signature	en Calopuca	tung	COMM. # 1411280  O THE SEPTIMOTARY PUBLIC-CAUFORN SANTA CLARA COUNTY COMM. BY, APRIL 15, 200

4. Inventor Signature:	Date:	
	Andrew Tomkins	
State of California	)	
County of	) SS. )	
On this	day of in the year 2006, before r. Notary Public, personally appeared Andrew Tomkins, personal	
subscribed to the within his/her authorized capaci entity upon behalf of which	o me on the basis of satisfactory evidence) to be the person whose name instrument, and acknowledged to me that he/she executed the same by(ies), and that by his/her signature on the instrument the person, or the person acted, executed the instrument.  Indianal official seal.	e is in
Notary Signature		

Whereas I, an undersigned inventor, have invented certain new and useful improvements as set forth in the patent application entitled:

#### USER-SENSITIVE PAGERANK

(Atty. Dock	NO. IAMITUIT), (GROCK ORC)
A Co	which I have executed a U.S. patent application on even date herewith. (Accompanying) ich bears U.S. application No (Not accompanying) ich is a U.S. provisional application. (Accompanying)

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-ANT- MATTINGSON / I

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Signed on the date indicated beside my signature.

Revised 01/02, Assign US Notary

1. Inventor Signature:	Date:
Pavel Berkhin	
State of California )	SS.
County of	
On this day of, Notary Publi	in the year 2006, before me, ic, personally appeared Pavel Berkhin, personally
subscribed to the within instrument, and ack	satisfactory evidence) to be the person whose name is mowledged to me that he/she executed the same in his/her signature on the instrument the person, or the executed the instrument.
Notary Signature	
O. Turning Characterists	Date:
2. Inventor Signature:  Usama M. Fayyad	Date.
State of California )	<b>S\$</b> .
County of	<del></del>
On this day of	in the year 2006, before me, personally appeared Usama M. Fayyad, personally
known to me (or proved to me on the basis of subscribed to the within instrument, and acl	satisfactory evidence) to be the person whose name is knowledged to me that he/she executed the same in his/her signature on the instrument the person, or the
Notary Signature	
3. Inventor Signature:  Prabhakar Raghavan	Date:
State of California )	<b>8</b> \$.
County of	
On this day of	in the year 2006, before me
known to me (or proved to me on the basis of subscribed to the within instrument, and ac	e, personally appeared Prabhakar Raghavan, personally satisfactory evidence) to be the person whose name is knowledged to me that he/she executed the same in his/her signature on the instrument the person, or the executed the instrument.
Notary Signature	
Revised 01/02, Assign US Notary	

4. Inventor Signature:  Andrew Tomkins	Date: 6/16/06
State of California	
County of Santa Clara	<b>85.</b>
On this 16th day of June Clare Coloriae Fines, Notary Public, per known to me (or proved to me on the basis of satisfic subscribed to the within instrument, and acknowle his/her authorized capacity(ies), and that by his/her entity upon behalf of which the person acted, execute WITNESS my hand and official seal.  Notary Signature Clare Colorine Signature	ectory evidence) to be the person whose name is edged to me that he/she executed the same in signature on the instrument the person, or the ed the instrument.
CLARE CALAPRICE FINNEY COMMA # 1411280 NOTARY PUBLIC CALFORNIA O SANTA CLARA COUNTY O COMMA EXP. APRIL 15, 2007	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~

PATENT REEL: 023359 FRAME: 0484

**RECORDED: 10/12/2009**