

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Pavel Berkhin</td><td>06/19/2006</td></tr><tr><td>Usama M. Fayyad</td><td>06/21/2006</td></tr><tr><td>Prabhakar RAGHAVAN</td><td>06/15/2006</td></tr><tr><td>Andrew Tomkins</td><td>06/16/2006</td></tr></tbody></table>		Name	Execution Date	Pavel Berkhin	06/19/2006	Usama M. Fayyad	06/21/2006	Prabhakar RAGHAVAN	06/15/2006	Andrew Tomkins	06/16/2006
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Usama M. Fayyad	06/21/2006										
Prabhakar RAGHAVAN	06/15/2006										
Andrew Tomkins	06/16/2006										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Yahoo! Inc.</td></tr><tr><td>Street Address:</td><td>701 First Avenue</td></tr><tr><td>City:</td><td>Sunnyvale</td></tr><tr><td>State/Country:</td><td>CALIFORNIA</td></tr><tr><td>Postal Code:</td><td>94089</td></tr></table>		Name:	Yahoo! Inc.	Street Address:	701 First Avenue	City:	Sunnyvale	State/Country:	CALIFORNIA	Postal Code:	94089
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PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12576679</td></tr></tbody></table>		Property Type	Number	Application Number:	12576679						
Property Type	Number										
Application Number:	12576679										
CORRESPONDENCE DATA											
Fax Number: (510)663-0920 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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
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ASSIGNMENT OF PATENT APPLICATION

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

USER-SENSITIVE PAGERANK

(Atty. Docket No. YAH11P017), (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:

- 1) Sell, assign and transfer to YAHOO! Inc., 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.

1. Inventor Signature:

Pavel Berkhin
Pavel Berkhin

Date:

June 19, 2006

State of California)

ss.

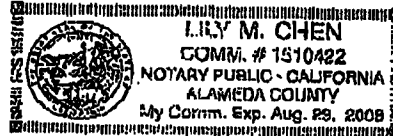
County of Santa Clara)

On this 19th day of June, in the year 2006, before me, Lily M. Chen, Notary Public, personally appeared Pavel Berkhin, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature

Lily M. Chen



2. Inventor Signature:

Usama M. Fayyad

Date:

State of California)

ss.

County of _____)

On this _____ day of _____, in the year 2006, before me, _____, Notary Public, personally appeared Usama M. Fayyad, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature _____

3. Inventor Signature:

Prabhakar Raghavan

Date:

State of California)

ss.

County of _____)

On this _____ day of _____, in the year 2006, before me, _____, Notary Public, personally appeared Prabhakar Raghavan, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature _____

Revised 01/02, Assign US Notary

4. Inventor Signature: _____
Andrew Tomkins

Date: _____

State of California)
) ss.
County of _____)

On this _____ day of _____, in the year 2006, before me,
_____, Notary Public, personally appeared Andrew Tomkins, personally
known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is
subscribed to the within instrument, and acknowledged to me that he/she executed the same in
his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the
entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature _____

ASSIGNMENT OF PATENT APPLICATION

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

USER-SENSITIVE PAGERANK

(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)
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- 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.

1. Inventor Signature: _____

Pavel Berkhin

Date: _____

State of California)

ss.

County of _____)

On this _____ day of _____, in the year 2006, before me, _____, Notary Public, personally appeared Pavel Berkhin, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature _____

(SEAL)

2. Inventor Signature: U. A. Fayyad

Usama M. Fayyad

Date: 6/21/06

State of California)

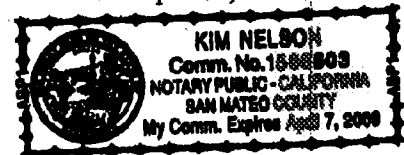
ss.

County of Santa Clara)

On this 21st day of June, in the year 2006, before me, Kim Nelson, Notary Public, personally appeared Usama M. Fayyad, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature Kim Nelson



3. Inventor Signature: _____

Prabhakar Raghavan

Date: _____

State of California)

ss.

County of _____)

On this _____ day of _____, in the year 2006, before me, _____, Notary Public, personally appeared Prabhakar Raghavan, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature _____

(SEAL)

4. Inventor Signature: _____
Andrew Tomkins

Date: _____

State of California)
County of _____) ss.

On this _____ day of _____, in the year 2006, before me, _____, Notary Public, personally appeared Andrew Tomkins, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature _____

(SEAL)

ASSIGNMENT OF PATENT APPLICATION

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

USER-SENSITIVE PAGERANK

(Atty. Docket No. YAHIP017), (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:

- 1) Sell, assign and transfer to YAHOO! Inc., 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.
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- 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.

1. Inventor Signature: _____
Pavel Berkhin

Date: _____

State of California)
County of _____) ss.

On this _____ day of _____, in the year 2006, before me, _____, Notary Public, personally appeared Pavel Berkhin, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature _____

2. Inventor Signature: _____
Usama M. Fayyad

Date: _____

State of California)
County of _____) ss.

On this _____ day of _____, in the year 2006, before me, _____, Notary Public, personally appeared Usama M. Fayyad, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature _____

3. Inventor Signature: _____
Prabhakar Raghavan

Date: Jun 15th, 2006

State of California)
County of Santa Clara) ss.

On this 15th day of June, 2006, in the year 2006, before me, Clare Calaprice Finney, Notary Public, personally appeared Prabhakar Raghavan, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature Clare Calaprice Finney



Revised 01/02, Assign US Notary

4. Inventor Signature: _____ Date: _____
Andrew Tomkins

State of California)
) ss.
County of _____)

On this ____ day of _____, in the year 2006, before me,
_____, Notary Public, personally appeared Andrew Tomkins, personally
known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is
subscribed to the within instrument, and acknowledged to me that he/she executed the same in
his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the
entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature _____

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(Atty. Docket No. YAHIP017), (check one)

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☐ which bears U.S. application No. . (Not accompanying)
☐ which is a U.S. provisional application. (Accompanying)

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- 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.

1. Inventor Signature: _____ Date: _____

Pavel Berkhin

State of California)
)
County of _____) ss.

On this ____ day of _____, in the year 2006, before me, _____, Notary Public, personally appeared Pavel Berkhin, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature _____

2. Inventor Signature: _____ Date: _____

Usama M. Fayyad

State of California)
)
County of _____) ss.

On this ____ day of _____, in the year 2006, before me, _____, Notary Public, personally appeared Usama M. Fayyad, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature _____

3. Inventor Signature: _____ Date: _____

Prabhakar Raghavan

State of California)
)
County of _____) ss.

On this ____ day of _____, in the year 2006, before me, _____, Notary Public, personally appeared Prabhakar Raghavan, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature _____

Revised 01/02, Assign US Notary

4. Inventor Signature: _____

Andrew Tomkins

Date: _____

6/16/06

State of California)

County of Santa Clara)

ss.

On this 16th day of June, in the year 2006, before me, Clare Calaprice Finney, Notary Public, personally appeared Andrew Tomkins, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature _____

Clare Calaprice Finney



Revised 01/02, Assign US Notary