

PATENT ASSIGNMENT

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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>Claire Cardie</td> <td>01/09/2009</td> </tr> <tr> <td>Vaselin Stoyanov</td> <td>10/31/2008</td> </tr> <tr> <td>Eric Breck</td> <td>11/18/2008</td> </tr> <tr> <td>Yejin Choi</td> <td>12/10/2008</td> </tr> </tbody> </table>		Name	Execution Date	Claire Cardie	01/09/2009	Vaselin Stoyanov	10/31/2008	Eric Breck	11/18/2008	Yejin Choi	12/10/2008
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Claire Cardie	01/09/2009										
Vaselin Stoyanov	10/31/2008										
Eric Breck	11/18/2008										
Yejin Choi	12/10/2008										
RECEIVING PARTY DATA											
Name:	Cornell University										
Street Address:	Cornell Center for Technology, Enterprise & Commercialization										
Internal Address:	395 Pine Tree Road, Suite 130										
City:	Ithaca										
State/Country:	NEW YORK										
Postal Code:	14850										
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>11927456</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11927456						
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Application Number:	11927456										
CORRESPONDENCE DATA											
Fax Number:	(312)876-7934										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	312-876-8000										
Email:	patents@sonnenschein.com										
Correspondent Name:	Sonnenschein Nath & Rosenthal LLP										
Address Line 1:	P.O. Box 061080										
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Address Line 4:	Chicago, ILLINOIS 60606										
ATTORNEY DOCKET NUMBER:	80000193-0003										
NAME OF SUBMITTER:	Joel N. Bock										

OP \$40.00 11927456

Total Attachments: 8

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ASSIGNMENT

WHEREAS, We, **Claire Cardie**, a United States citizen, residing at 217 Highgate Road, Ithaca, NY 14850, **Vaselin Stoyanov**, a United States citizen residing at 129 Linn Street, Ithaca, NY 14850, **Eric Breck**, a United States citizen residing at 426 E. Buffalo St., Apt. 3, Ithaca, NY 14850 and **Yejin Choi**, a Republic of Korea citizen, residing at 116 Summerhill Drive, Apt. 3, Ithaca, NY 14850 have invented certain new and useful improvements in **SYSTEM AND METHOD FOR AUTOMATICALLY SUMMARIZING FINE-GRAINED OPINIONS IN DIGITAL TEXT** for which an application for Letters Patent in the United States or was filed as U.S. Serial No. **11/927,456** on **October 29, 2007**;

AND WHEREAS, **Cornell University**, with its principal place of business at **Cornell Center for Technology, Enterprise & Commercialization ("CCTEC")**, 395 Pine Tree Road, Suite 310, Ithaca, New York 14850 USA, is entitled to acquire the entire right, title and interest in and to the said improvements and the said Application:

NOW, THEREFORE, for good and valuable consideration, including salary or payment for the making of inventions, or employee benefits, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said **Cornell University**, its successors, legal representatives and assigns, the entire right, title and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals, and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said **Cornell University**, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said **Cornell University**, its successors, legal representatives, and assigns, any facts known to us respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths and generally do everything possible to aid the said **Cornell University**, its successors, legal representatives, and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 9th day of January, ~~2008~~ ²⁰⁰⁹ etc.
Claire Cardie
Claire Cardie

STATE OF NY
COUNTY OF Tompkins SS:

This 9th day of January, ~~2008~~ ²⁰⁰⁹, before me personally came the above-named Claire Cardie, to me personally known as the individual who executed the same of his/her own free will for the purposes therein set forth.

Michelle M. Shields
Notary Public - State of New York
No. 019HG169687
Qualified in Cayuga County
Commission Expires 08-25-2011

Michelle M. Shields
Notary Public
Commission expires on 2011

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day
of _____, 2008.

Vaselin Stoyanov

STATE OF _____
COUNTY OF _____ SS:

This _____ day of _____, 2008, before me personally came the
above-named _____, to me personally known as the individual
who executed the same of his/her own free will for the purposes therein set forth.

Notary Public
Commission expires on _____.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day
of _____, 2008

Eric Breck

STATE OF _____
COUNTY OF _____ SS:

This _____ day of _____, 2008, before me personally came the
above-named _____, to me personally known as the individual
who executed the same of his/her own free will for the purposes therein set forth.

Notary Public
Commission expires on _____.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day
of _____, 2008

Yejin Choi

STATE OF _____
COUNTY OF _____ SS:

This _____ day of _____, 2008, before me personally came the
above-named _____, to me personally known as the individual
who executed the same of his/her own free will for the purposes therein set forth.

Notary Public
Commission expires on _____.

ASSIGNMENT

WHEREAS, We, **Claire Cardie**, a United States citizen, residing at 217 Highgate Road, Ithaca, NY 14850, **Vaselin Stoyanov**, a United States citizen residing at 129 Linn Street, Ithaca, NY 14850, **Eric Breck**, a United States citizen residing at 426 E. Buffalo St., Apt. 3, Ithaca, NY 14850 and **Yejin Choi**, a Republic of Korea citizen, residing at 116 Summerhill Drive, Apt. 3, Ithaca, NY 14850 have invented certain new and useful improvements in **SYSTEM AND METHOD FOR AUTOMATICALLY SUMMARIZING FINE-GRAINED OPINIONS IN DIGITAL TEXT** for which an application for Letters Patent in the United States or was filed as U.S. Serial No. 11/927,456 on **October 29, 2007**;

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal this ____ day of _____, 2008

Claire Cardie

STATE OF _____
COUNTY OF _____ SS:

This ____ day of _____, 2008, before me personally came the abovenamed _____, to me personally known as the individual who executed the same of his/her own free will for the purposes therein set forth.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 31 day of October, 2008.

V Stoyanov
Veselin Stoyanov

STATE OF New York
COUNTY OF West SS:

This 31st day of October, 2008, before me personally came the above-named VESELIN STOYANOV, to me personally known as the individual who executed the same of his/her own free will for the purposes therein set forth.

JOANE GARVIN
No. 0000000430
Notary Public, State of New York
Qualified to Perform in _____ County
My Commission Expires on 01/31/2011

Joane Garvin
Notary Public
Commission expires on 1/31/2011

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day of _____, 2008

Eric Breck

STATE OF _____
COUNTY OF _____ SS:

This _____ day of _____, 2008, before me personally came the above-named _____, to me personally known as the individual who executed the same of his/her own free will for the purposes therein set forth.

Notary Public
Commission expires on _____

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day of _____, 2008

Yejin Choi

STATE OF _____
COUNTY OF _____ SS:

This _____ day of _____, 2008, before me personally came the above-named _____, to me personally known as the individual who executed the same of his/her own free will for the purposes therein set forth.

Notary Public
Commission expires on _____

ASSIGNMENT

WHEREAS, We, Claire Cardie, a United States citizen, residing at 217 Highgate Road, Ithaca, NY 14850, Vasein Stoyanov, a United States citizen residing at 129 Linn Street, Ithaca, NY 14850, Eric Brock, a United States citizen residing at ~~400 Buffalo St Apt 3 Ithaca NY~~ 14850 and Yejin Choi, a Republic of Korea citizen have invented certain new and useful improvements in SYSTEM AND METHOD FOR AUTOMATICALLY SUMMARIZING FINE-GRAINED OPINIONS IN DIGITAL TEXT for which an application for Letters Patent in the United States or was filed as U.S. Serial No. 11/927,456 on October 29, 2007;

EJB
18 Nov 2008

1764
Galloway Ave
Memphis,
TN 38112
EJB
18 Nov 2008

AND WHEREAS, Cornell University, with its principal place of business at Cornell Center for Technology, Enterprise & Commercialization ("CCTEC"), 395 Pine Tree Road, Suite 310, Ithaca, New York 14850 USA, is entitled to acquire the entire right, title and interest in and to the said improvements and the said Application:

NOW, THEREFORE, for good and valuable consideration, including salary or payment for the making of inventions, or employee benefits, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said Cornell University, its successors, legal representatives and assigns, the entire right, title and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals, and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said Cornell University, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said Cornell University, its successors, legal representatives, and assigns, any facts known to us respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths and generally do everything possible to aid the said Cornell University, its successors, legal representatives, and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this ____ day of _____, 2008

Claire Cardie

STATE OF _____
COUNTY OF _____ SS:

This ____ day of _____, 2008, before me personally came the abovenamed _____, to me personally known as the individual who executed the same of his/her own free will for the purposes therein set forth.

Notary Public
Commission expires on _____.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day
of _____, 2008.

Vaselin Stoyanov

STATE OF _____
COUNTY OF _____ SS:

This _____ day of _____, 2008, before me personally came the
abovenamed _____, to me personally known as the individual
who executed the same of his/her own free will for the purposes therein set forth.

Notary Public
Commission expires on _____.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 18 day
of November, 2008

[Signature]
Eric Breck

STATE OF TN
COUNTY OF Shelby SS:

This 18th day of November, 2008, before me personally came the
abovenamed ERIC J. BRECK, to me personally known as the individual
who executed the same of his/her own free will for the purposes therein set forth.



[Signature]
Notary Public
Commission expires on July 17, 2012

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day
of _____, 2008

Yejin Choi

STATE OF _____
COUNTY OF _____ SS:

ASSIGNMENT

WHEREAS, We, **Claire Cardie**, a United States citizen, residing at 217 Highgate Road, Ithaca, NY 14850, **Vaselin Stoyanov**, a United States citizen residing at 129 Linn Street, Ithaca, NY 14850, **Eric Breck**, a United States citizen residing at 426 E. Buffalo St., Apt. 3, Ithaca, NY 14850 and **Yejin Choi**, a Republic of Korea citizen, residing at 116 Summerhill Drive, Apt. 3, Ithaca, NY 14850 have invented certain new and useful improvements in **SYSTEM AND METHOD FOR AUTOMATICALLY SUMMARIZING FINE-GRAINED OPINIONS IN DIGITAL TEXT** for which an application for Letters Patent in the United States or was filed as U.S. Serial No. 11/927,456 on **October 29, 2007**;

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IN TESTIMONY WHEREOF, I hereunto set my hand and seal this ____ day of _____, 2008

Claire Cardie

STATE OF _____
COUNTY OF _____ SS:

This ____ day of _____, 2008, before me personally came the abovenamed _____, to me personally known as the individual who executed the same of his/her own free will for the purposes therein set forth.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day of _____, 2008.

Vaselin Stoyanov

STATE OF _____
COUNTY OF _____ SS:

This _____ day of _____, 2008, before me personally came the above-named _____, to me personally known as the individual who executed the same of his/her own free will for the purposes therein set forth.

Notary Public
Commission expires on _____.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day of _____, 2008

Eric Breck

STATE OF _____
COUNTY OF _____ SS:

This _____ day of _____, 2008, before me personally came the above-named _____, to me personally known as the individual who executed the same of his/her own free will for the purposes therein set forth.

Notary Public
Commission expires on _____.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 10th day of Dec, 2008

Yejin Choi

Yejin Choi

STATE OF New York
COUNTY OF Tompkins SS:

This 10th day of December, 2008, before me personally came the above-named Yejin Choi, to me personally known as the individual who executed the same of his/her own free will for the purposes therein set forth.

Michelle M. Shields
Notary Public - State of New York
No. 01SH616987
Qualified in Cayuga County
Commission Expires 08-25-2011

Michelle M. Shields

Notary Public
Commission expires on 6/25/2011.