502072313 09/24/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------|----------------|
| Subhabrata Sen | 08/06/2009 |
| Nicholas Duffield | 08/06/2009 |
| Patrick Haffner | 08/06/2009 |
| Jeffrey Erman | 08/06/2009 |
| Yu Jin | 08/06/2009 |

RECEIVING PARTY DATA

| Name: | AT&T Intellectual Property I, L.P. |
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| Internal Address: | Suite 4000 |
| City: | Atlanta |
| State/Country: | GEORGIA |
| Postal Code: | 30375 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 13620668 |

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 2008-1300CON

REEL: 029013 FRAME: 0545

PATENT

502072313

| NAME OF SUBMITTER: | Kin-Wah Tong |
|--|----------------------------------|
| Total Attachments: 6 source=2008-1300CON_Assignment#page: source=2008-1300CON_Assignment#page: source=2008-1300CON_Assignment#page: source=2008-1300CON_Assignment#page: source=2008-1300CON_Assignment#page: source=2008-1300CON_Assignment#page: | 2.tif 3.tif 4.tif 5.tif |

PATENT REEL: 029013 FRAME: 0546

ASSIGNMENT

WHEREAS, we, SUBHABRATA SEN having an address of 74 Southgate Road, New Providence, New Jersey 07974, NICHOLAS DUFFIELD having an address of 12 Debary Place, Summit, New Jersey 07901, PATRICK HAFFNER, 7 Sixth Avenue, Atlantic Highland, New Jersey 07716, JEFFREY ERMAN having an address of 101 McCulloch Avenue, Morristown, New Jersey 07960, and YU JIN having an address of 1131 Hamline Avenue North, St. Paul, Minnesota 55108, respectively, are the joint inventors of an invention entitled "SCALABLE TRAFFIC CLASSIFIER AND CLASSIFIER TRAINING SYSTEM," as described and claimed in the specification forming part of an application for United States letters patent executed herewith.

WHEREAS, AT&T Intellectual Property I, LP (hereinafter referred to as ASSIGNEE), a corporation of the State of Nevada having a place of business at 645 East Plumb Lane, Reno, Nevada 89502, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters

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| patent on said invention protecting title to said inv | _ | regarding said letters patents patent therefor. | t, or for the purpose of |
|--|---|---|---|
| 08/06/09 | | Subhabrata | i Sew |
| State of New Jers County of Morris | Dey)) ss. | SUBHABRATA SEN | NANCY L. RIDGE NOTARY PUBLIC STATE OF NEW JERSE MY COMMISSION EXPIRES 6/15 |
| the person who appeared | before me, and liged it to be his ent. Dated Signature of Notary Pub | me NANCY L. R | he signed this uses and purposes |
| Date | My appoint | NICHOLAS DUFFIELD | |
| State of |)) ss. | | |
| County of |) | | |
| the person who appeared | pefore me, and s lged it to be his | ve satisfactory evidence that NI said person acknowledged that free and voluntary act for the u | he signed this |
| | Notary Pub Printed Nar | f lic me | |

patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

| Date | SUBHABRATA SEN |
|---|--|
| State of |) |
| County of |) ss.) |
| the person who appeared | at I know or have satisfactory evidence that SUBHABRATA SEN is before me, and said person acknowledged that he signed this dged it to be his free and voluntary act for the uses and purposes ent. |
| | Dated Signature of Notary Public Printed Name My appointment expires |
| 8/6(09 Date | NICHOLAS DUFFIELD |
| State of New Jersey County of Morris |)) ss.) |
| the person who appeared | at I know or have satisfactory evidence that NICHOLAS DUFFIELD is before me, and said person acknowledged that he signed this diged it to be his free and voluntary act for the uses and purposes ent. Dated Cugst 6, 2009 Signature of Notary Public Many L. Ridge |

NANCY E RIDGE NOTARY PUBLIC STATE OF NEW JERSEY MY COMMISSION EXPIRES \$13/2010

Printed Name Name My appointment expires

| 8/6/200 | 04 22 |
|--|---|
| Date | PATRICK HAFFNER |
| State of New Jese County of Morris | (す)) ss.) |
| the person who appeared b | at I know or have satisfactory evidence that PATRICK HAFFNER is before me, and said person acknowledged that he signed this liged it to be his free and voluntary act for the uses and purposes ent. |
| H.A. | Dated (ingent 6, 2009 |
| NANCY L. RIDGE NOTARY PUBLIC FATE OF NEW JERSEY XMMSSION EXPRES 6/13/2010 | Signature of Notary Public Printed Name NANCL L. RiPGE My appointment expires 6 13 12616 |
| 3 | |
| Date | JEFFREY ERMAN |
| State of |) |
| County of |) ss.) |
| person who appeared befo | at I know or have satisfactory evidence that JEFFREY ERMAN is the are me, and said person acknowledged that he signed this instrument his free and voluntary act for the uses and purposes mentioned in the |
| | Dated |
| | Signature of |
| | Notary Public |
| | Printed Name |
| | My appointment expires |

| Date | PATRICK | HAFFNER | , |
|--|---|--|---|
| State of |)) ss. | | |
| County of | ý | | |
| I certify that the person who appeared be instrument and acknowledg mentioned in the instrument | ed it to be his free and volum | mowledged that he si | gned this |
| | Dated | | <u> </u> |
| | Signature of | | |
| | Notary Public Printed Name | | |
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| Aug 6/09 | 0.14 | a de la companya della companya della companya de la companya della companya dell | e e |
| Date | JEFREY | ERMAN | |
| State of New Jersey County of Morris | ν) ss. | | NANCY E RIDGE NOTARY PUBLIC STATE OF NEW JERSEY |
| County of Mows |) | | COMMISSION EXPIRES 6/13/2010 |
| I certify that person who appeared before and acknowledged it to be h instrument. | is free and voluntary act for | vledged that he signed | d this instrument |
| | Signature of Notary Public Printed Name | J. L. RiDGO | E, |
| | My appointment expires | ·6/13/2\$/ | \$ |

Date

YU JIN

NANCY L. RIDGE
NOTARY PUBLIC
STATE OF NEW JERSEY
MY COMMISSION EXPIRES QUI 18/2010

I certify that I know or have satisfactory evidence that YU JIN is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated Cugust 6, 2009
Signature of
Notary Public
Printed Name NANCH L. Ridge
My appointment expires 6//3/26/8

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RECORDED: 09/24/2012