PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6126567

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

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------------|----------------|
| YEHUDA ARI BUCHALTER | 06/06/2011 |
| ROLAND G. COZZOLINO | 06/06/2011 |
| JOSEPH M. ZAWADZKI | 06/03/2011 |

RECEIVING PARTY DATA

| Name: | MEDIAMATH, INC. |
|-----------------|--------------------|
| Street Address: | 415 MADISON AVENUE |
| City: | NEW YORK |
| State/Country: | NEW YORK |
| Postal Code: | 10007 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 16749290 |

CORRESPONDENCE DATA

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| ATTORNEY DOCKET NUMBER: | MRIM.029A1C2 | |
|-------------------------|----------------------|--|
| NAME OF SUBMITTER: | JUN HYUK (ZACH) HONG | |
| SIGNATURE: | /Jun Hyuk Hong/ | |
| DATE SIGNED: | 05/28/2020 | |

Total Attachments: 5

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PATENT REEL: 052775 FRAME: 0970

JOINT ASSIGNMENT

WHEREAS, each of the individuals, Yehuda Ari BUCHALTER; Roland G. COZZOLINO; Joseph M. ZAWADZKI are named as an inventor on the application for Letters Patent of the United States titled:

SYSTEMS AND METHODS FOR PROVIDING A DEMAND SIDE PLATFORM

| ; and | |
|----------------------|---|
| United States P | executed by each of us of even date herewith and about to be filed in the atent and Trademark Office; or |
| ☑ United States P | identified by United States Application Serial No. 13/076276 filed in the atent and Trademark Office on March 30, 2011; and |

WHEREAS MediaMath, Inc. (hereinafter "ASSIGNEE"), having a usual place of business at 415 Madison Avenue, New York, New York 10017, desires to acquire or confirm an interest therein;

NOW, THEREFORE, to all whom it may concern be it known that, in accordance with agreements previously and duly entered into between the parties and in consideration of those agreements, and for other good and valuable consideration, the receipt of which is hereby acknowledged, each has sold, assigned, and transferred and/or does hereby sell, assign, and transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title, and interest in and throughout the United States of America, its territories and all foreign countries, in and to the application, all divisional, continuing, substitute, renewal, reissue, reexamination and other applications for Letters Patent that is based in whole or in part on the application, and all other rights arising under or pursuant to any and all international agreements. treaties, or laws relating to the protection of industrial property, including all rights of priority under the International Convention for the Protection of Industrial Property, and in and to any such Letters Patent as may issue thereon including any and all original and reissued patents which have been or shall be issued in the United States and foreign countries; said inventions, applications, and Letters Patent to be held and enjoyed by ASSIGNEE for its own use and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by him/her had this assignment and sale not been made;

AND, hereby acknowledges that this assignment, being of the entire right, title, and interest in and to the inventions, carries with it the right in ASSIGNEE, by attorneys and agents of ASSIGNEE selection, to apply for and receive Letters Patent for said inventions in its own name;

AND, hereby further agrees for him/herself and his/her executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the Letters Patent to ASSIGNEE, its successors, assignees, and legal representatives, but at its expense and charges, including the execution of application for patents in foreign countries, the execution of substitution, reissue, divisional or

PATENT REEL: 052775 FRAME: 0971 continuation applications, and the giving of testimony, preliminary statements, or other statements in any interference or other proceeding in which the inventions or any applications or patents directed to the inventions may be involved by communicating to the ASSIGNEE all facts we know relating to the inventions and their history, and generally by doing everything possible which ASSIGNEE shall consider desirable for aiding in securing and maintaining proper patent protection for the inventions and for vesting title in the inventions and all applications for patent and all patents on the inventions in ASSIGNEE;

AND, further hereby authorizes ASSIGNEE or its attorneys or agents to insert the correct serial number and filing date into this assignment if appropriate;

AND, hereby appoints ASSIGNEE as its common agent for purposes of prosecuting international patent applications and any material patent applications for which such common agency is recognized;

AND, hereby requests the Director of Patents and Trademarks of the United States to issue said Letters Patent as shall be granted upon said application or applications based thereon to ASSIGNEE, its successors, assigns, and legal representatives;

AND, covenants with said ASSIGNEE that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by him/her, and that full right to convey the same as herein expressed is possessed by him/her.

| Z | |
|---|---|
| Executed this 6 day of JUNE | 72 7.1A |
| ······································ | YEHUDA ARI BUCHALTER |
| State of VY | |
| County of <u>VY</u>) | |
| On this 6th bayof Tabe, 20/1 | ., before me, |
| Edra Carter (a notary publ | lic in and for said county), personally |
| appeared YEHUDA ARI BUCHALTER, who proved i | to me on the basis of satisfactory evidence |
| to be the person whose name is subscribed to the within | n instrument and acknowledged to me that |
| he/she executed the same in his/her authorized capacity | y, and that by his/her signature on the |
| instrument the person, or the entity upon behalf of which | sh the person acted, executed the |
| instrument. | ♦ |
| WITNESS my hapd and official seal- | |
| Signature 22 2 2 | |
| My Commission Expires: May 27, 2015 | |
| (Seal) EDNA CARTER Notary Public State of New York No. 01CASCRESSE Qualified in Eronx County Commission Expires May 27, 2015 | t We |

| Exe | cuted this <u>L</u> day of | \$01€,20 <u>11</u> . | <i>7</i> ? |
|----------------------|--|-----------------------------|--------------------------------|
| | | MIN | |
| | | ROLAN | G. COZZOLINO |
| State of <u>WL</u>) | | 5 % : | |
| County of 1/4/85 | 2.4 | | |
| On this <u></u> day | y of I and | _, 20 <u>//,</u> before me, | |
| George M | a <i>veo.</i> K/S(an | otary public in and for | said county), personally |
| appeared ROLANI | O G. COZZOLINO, who p | roved to me on the bas | is of satisfactory evidence to |
| be the person whos | e name is subscribed to the | within instrument and | I acknowledged to me that |
| he/she executed the | e same in his/her authorize | d capacity, and that by | his/her signature on the |
| instrument the pers | on, or the entity upon beha | ulf of which the person | acted, executed the |
| instrument. | | | |
| WITNESS myก็ลักู | d and official scal | \mathcal{L} | |
| Signature | l zgzuei(Ll.Luzuzez | Copland | |
| My Commission E | xpires: <u>SU/</u> J | ** | |
| (Seal) | GEORGE MAVRAGS Notary Public, State of New Yo Castified in Nessau County No. 01MA8145043 My Commission Expires 05/01/2 | 5 | |

| Executed this 03 day of the 20 U. |
|---|
| |
| State of New York) County of Market |
| On this 3 ² day of June, 20 %, before me, |
| TIMMY SABBAR, (a notary public in and for said county), personally |
| appeared JOSEPH M. ZAWADZKI, who 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, 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 scal. |
| SignatureSux |
| My Commission Expires: Jun 16, 2011 |
| (Seal) |
| JIMMY SABBAR Notary Public, State of New York No. 018A6094357 Qualified in Queens County Commission Expires June 16, 2011 |

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