502856116 06/18/2014

PATENT ASSIGNMENT COVER SHEET

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

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------|----------------|
| JUNQIANG HU | 06/03/2014 |
| TING WANG | 06/02/2014 |

RECEIVING PARTY DATA

| Name: | NEC LABORATORIES AMERICA INC. |
|-----------------|-------------------------------|
| Street Address: | 4 INDEPENDENCE WAY |
| City: | PRINCETON |
| State/Country: | NEW JERSEY |
| Postal Code: | 08540 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14307573 |

CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Correspondent Name: NEC LABORATORIES AMERICA, INC.

Address Line 1: 4 INDEPENDENCE WAY

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Address Line 4: PRINCETON, NEW JERSEY 08540

| ATTORNEY DOCKET NUMBER: | 12006 (449-295) |
|-------------------------|------------------|
| NAME OF SUBMITTER: | JAMES J. BITETTO |
| SIGNATURE: | /jjb/ |
| DATE SIGNED: | 06/18/2014 |

Total Attachments: 2

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PATENT 502856116 REEL: 033125 FRAME: 0060

ASSIGNMENT

Whereas, we,

- (1) Junqiang Hu, of 111 Biscayne Court, #7, Princeton, NJ 08540; and
- (2) Ting Wang, of 10 Glacier Dr., West Windsor, NJ 08550.

(hereinafter called "Assignor(s)"), have made a certain invention, and executed United States Patent Application entitled:

END-TO-END HITLESS PROTECTION IN PACKET SWITCHED NETWORKS

Whereas.

NEC Laboratories America, Inc. 4 Independence Way, Suite 200 Princeton, New Jersey 08540

(hereinafter called "Assignee"), desires to acquire the entire right, title, and interest in the application and the invention, and to any applications, patents and/or utility model registrations filed or obtained therefor in every Country (hereinafter called the "Designated Countries").

Now therefore, for valuable consideration, receipt of which is hereby acknowledged,

I/we, the above named Assignor(s), hereby sell, assign and transfer to the above named Assignee the entire right, title and interest to file and/or obtain any applications, patents and/or utility model registrations in the Designated Countries as regards the United States application and the invention disclosed therein (including rights of priority based on the United States application), and I/we will execute without further consideration all papers deemed necessary by the Assignee in connection with such applications, patents and/or utility model registrations in the Designated Countries when called upon to do so by the Assignee.

Signed and Sealed:

| INVENTOR 1: | In 50. | | |
|-------------------|---------------------------------|----------------|--------------------------|
| DATED on 6/3/2014 | (Junqiang First Name | Middle Initial | Hu) Last Name |
| INVENTOR 2: | | | |
| DATED on | (Ting First Name | Middle Initial | Wang) Last Name |

ASSIGNMENT

Whereas, we,

- (1) Junqiang Hu, of 111 Biscayne Court, #7, Princeton, NJ 08540; and
- (2) Ting Wang, of 10 Glacier Dr., West Windsor, NJ 08550.

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Signed and Sealed:

RECORDED: 06/18/2014

| INVENTOR 1: | | | |
|-------------------------------|---------------------------------|----------------|----------------------------|
| DATED on | (Junqiang First Name | Middle Initial | Hu) Last Name |
| INVENTOR 2: | | | |
| DATED on <u>6/2/14</u> | (Ting First Name | Middle Initial | Wang) Last Name |

Page 1 of 1

PATENT REEL: 033125 FRAME: 0062