* U.S. PTO 13/064005 03/02/2011

| B/O 50BU BTO 1505 (D 4/00) | | | - | mmerce Patent and Trademark Office |
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| To the Commissioner for Patents. | Please record the att | 103619501 | | |
| 1. Name of Conveying Party(ies). | 2 Name and Address o | t Keceiving Pa | rty(ies) | |
| Shan LIN | | Name: | D-Link Cor | rporation |
| Derei | | | | |
| Stephen Terre | I YEH | Street Address: | No. 289, 9 | Shinhu 3 rd Rd., Neihu |
| Saman | tha SU | | District | |
| | | | | |
| 3 Nature of Conveyance | | | | |
| ⊠Assignment | □ Merger | City, State, Zip: | Taipei City | , Taiwan, R.O.C. |
| ☐ Security Agreemen | t Change of Name | | | |
| □ Other: | | | | |
| Execution Date: | February 14, 2011 | ☐ Additional name(s) and address(es) attached. | | |
| 4. (A) Patent Application Number(s): | | 4 (B) Patent Number(s, |) <i>:</i> | |
| If this document is being filed togethe application, the execution date of the Title: GATEWAY DEVICE C. | | | IISSION QU | IALITY AND METHOD |
| THEREOF | AI ADEC OF ENTITION OF THE | | | |
| | 074/EM | | | |
| Attorney Docket No.: LINS3074/EM 5. Name and Address of Party to whom Correspondence Concerning this Document Should be Mailed: | | Total Number of App Pate | lications and nts involved: | 1 |
| Name: | Eugene Mar | 7 Total Fee: (37 CFR 3.41) | | \$40.00 |
| 23364 | Bacon & Thomas, PLLC 625 Slaters Lane Fourth Floor Alexandria, VA 22314 | ≅ Enclosed □ Authorized to be ch | narged to dep | posit account |
| CUSTOMER NUMBER | | 8 Deposit Account Nu | ımber: | 02-0200 |
| 9 Statement and Signature | | | - d one office | hed conv is a true |
| To the best of my kno copy of the original do | wledge and belief, the foregoing ocument. | is true and correct at | no any anac | March 2, 2011 |
| Eugene Mar | | Signature | | Date |
| Name of Person Sign | | • | | |
| Total number | of pages including cover sheet, attac | hments and document. | 3 | |

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03/03/2011 LNGUYEN1 00000006 13064005 04 FC:8021 . 40.00 ATTORNEY/DOCKET NO:

ASSIGNMENT BY INVENTOR(S) OF U.S. APPLICATION

WHEREAS, I am the original, first and sole inventor and I own (if only one name is listed below) or an original, first and joint inventor and the joint inventors own (if plural names are listed below) (referred to as "ASSIGNOR" below) the subject matter which is claimed and for which a patent is sought on the invention (referred to as the "INVENTION" below) entitled:

GATEWAY DEVICE CAPABLE OF ENHANCING VIDEO PACKET TRANSMISSION QUALITY AND METHOD THEREOF

| he sp | ecification of which (check one): | |
|-------|--|----------------------------|
| X | is executed on even date herewith. | |
| | was filed on (day-month-year) | as U.S. Application Number |
| | was filed on (day-month-year) | as PCT Application Number |
| | was executed on the following date(s) (day-month-year) | |

WHEREAS, **D-Link Corporation**

No. 289, Shinhu 3rd Rd., Neihu District, Taipei City, Taiwan, R.O.C. having a postal address of

(referred to as "ASSIGNEE" below) desires to acquire the entire right, title and interest in and to the same in the U.S.;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, ASSIGNOR, by these presents does sell, assign and transfer unto ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all patents granted on any division, continuation, continuation-in-part and reissue of said application.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent applications in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information concerning the INVENTION that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's heirs, executors, administrators and other legal representatives.

ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all patents referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behoof, and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for which such patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR authorizes any member of the firm of Bacon & Thomas, PLLC to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.

| Full Name of First or Sole Inventor | Post Office Address No. 289, Shinhu 3rd Rd., Neihu District, Taipei City, Taiwan, |
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| Date February 14, 2011 | Signature Shan Lm |
| | (0010/2001) |

(06Nov2001)

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ATTORNEY/DOCKET NO:

SUPPLEMENTAL PAGE FOR AN ASSIGNMENT BY INVENTOR(S) OF U.S. APPLICATION

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See following page(s) for additional joint inventors.

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