

TRADEMARK ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | | | |
|--|---------------------------------|--------------------|-----------------------|---------------|----------|----------------|----------------------|-------------------|--------------------|------------|-----------------------|
| NATURE OF CONVEYANCE: | NUNC PRO TUNC ASSIGNMENT | | | | | | | | | | |
| EFFECTIVE DATE: | 04/23/2012 | | | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Formerly</th> <th>Execution Date</th> <th>Entity Type</th> </tr> </thead> <tbody> <tr> <td>MU DYNAMICS, INC.</td> <td></td> <td>03/25/2013</td> <td>CORPORATION: DELAWARE</td> </tr> </tbody> </table> | | | | Name | Formerly | Execution Date | Entity Type | MU DYNAMICS, INC. | | 03/25/2013 | CORPORATION: DELAWARE |
| Name | Formerly | Execution Date | Entity Type | | | | | | | | |
| MU DYNAMICS, INC. | | 03/25/2013 | CORPORATION: DELAWARE | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | | | |
| Name: | Spirent Communications Inc. | | | | | | | | | | |
| Street Address: | 1325 Borregas Avenue | | | | | | | | | | |
| City: | Sunnyvale | | | | | | | | | | |
| State/Country: | CALIFORNIA | | | | | | | | | | |
| Postal Code: | 94089 | | | | | | | | | | |
| Entity Type: | CORPORATION: DELAWARE | | | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> <th>Word Mark</th> </tr> </thead> <tbody> <tr> <td>Registration Number:</td> <td>3314472</td> <td>PROTOCOL SPIDERING</td> </tr> </tbody> </table> | | | | Property Type | Number | Word Mark | Registration Number: | 3314472 | PROTOCOL SPIDERING | | |
| Property Type | Number | Word Mark | | | | | | | | | |
| Registration Number: | 3314472 | PROTOCOL SPIDERING | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | |
| Fax Number: | 4153939887 | | | | | | | | | | |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i> | | | | | | | | | | | |
| Phone: | 415.954.0200 | | | | | | | | | | |
| Email: | trademark@squiresanders.com | | | | | | | | | | |
| Correspondent Name: | Caroline H. Mead | | | | | | | | | | |
| Address Line 1: | Squire Sanders (US) LLP | | | | | | | | | | |
| Address Line 2: | 275 Battery Street, Suite 2600 | | | | | | | | | | |
| Address Line 4: | San Francisco, CALIFORNIA 94111 | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | 102370.00221 | | | | | | | | | | |
| NAME OF SUBMITTER: | Caroline H. Mead | | | | | | | | | | |

| | |
|--|--------------------|
| Signature: | /Caroline H. Mead/ |
| Date: | 03/25/2013 |
| Total Attachments: 2 source=PROTOCOL SPIDERING Trademark Assignment#page1.tif source=PROTOCOL SPIDERING Trademark Assignment#page2.tif | |

TRADEMARK ASSIGNMENT

THIS TRADEMARK ASSIGNMENT (this "Assignment") is made and entered into by and between MU DYNAMICS, INC., a Delaware Corporation, with its principal place of business at 1325 Borregas Avenue, Sunnyvale, California, 94089 ("Assignor") and SPIRENT COMMUNICATIONS INC., a Delaware Corporation, with its principal place of business at 1325 Borregas Avenue, Sunnyvale, California, 94089 ("Assignee").

WHEREAS, prior to making this assignment, Assignor was the owner of the trademark and the corresponding United States Trademark Registration listed in Exhibit A (the "Mark"); and

WHEREAS, Assignee has succeeded to certain business assets and the goodwill of the business associated therewith, pursuant to a purchase agreement (the "Agreement") between Assignor and Assignee effective as of April 23, 2012 (the "Effective Date").

WHEREAS, Assignor and Assignee have agreed to enter into this Assignment as further evidence of Assignor's assignment of its rights in and to the Mark pursuant to the Agreement;

NOW, THEREFORE, in consideration of the premises herein set forth and for additional good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, as of the Effective Date, *nunc pro tunc*, Assignor hereby sells, assigns, transfers and conveys to Assignee, absolutely in perpetuity, Assignor's entire right, title and interest in and to the Marks, together with all of the goodwill associated therewith.

IN WITNESS WHEREOF, Assignor has caused this Assignment to be executed by its duly authorized representative as of the date(s) written below.

Executed this 25TH day of MARCH, 2013 and effective as of the Effective Date.

ASSIGNOR:

MU DYNAMICS, INC.

By: _____

Name:

STEPHEN CLARK

Title:

VP FINANCE

EXHIBIT A

| Trademark | Country | Status | Registration No. |
|--------------------|---------|------------|------------------|
| PROTOCOL SPIDERING | USA | Registered | 3,314,472 |