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| <b>PATENT ASSIGNMENT COVER SHEET</b> |
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4918820

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| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT               |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                   |
| <b>CONVEYING PARTY DATA</b>   |                              |
| <b>Name</b>   | <b>Execution Date</b>        |
| JEFFERSON L. WAGENER  | 11/11/2015                   |
| <b>RECEIVING PARTY DATA</b>   |                              |
| <b>Name:</b>  | NISTICA, INC.                |
| <b>Street Address:</b>  | 745 ROUTE 202-206            |
| <b>City:</b>  | BRIDGEWATER                  |
| <b>State/Country:</b>   | NEW JERSEY                   |
| <b>Postal Code:</b>   | 08807                        |
| <b>PROPERTY NUMBERS Total: 1</b>  |                              |
| <b>Property Type</b>  | <b>Number</b>                |
| <b>Application Number:</b>  | 15920590                     |
| <b>CORRESPONDENCE DATA</b>  |                              |
| <b>Fax Number:</b>  | (908)518-7795                |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i> |                              |
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| <b>Email:</b>   | docket@mwpatentlaw.com       |
| <b>Correspondent Name:</b>  | MAYER & WILLIAMS PC          |
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| <b>Address Line 4:</b>  | MORRISTOWN, NEW JERSEY 07960 |
| <b>ATTORNEY DOCKET NUMBER:</b>  | 2062/29C2                    |
| <b>NAME OF SUBMITTER:</b>   | MICHELLE WOLF                |
| <b>SIGNATURE:</b>   | /michelle wolf/              |
| <b>DATE SIGNED:</b>   | 04/17/2018                   |
| <b>Total Attachments: 2</b>   |                              |
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| source=2062-29-Executed-Assignment#page2.tif  |                              |

ASSIGNMENT FOR UNITED STATES PATENT APPLICATION  
(SOLE OR JOINT)

Docket: 2062/29

WHEREAS, Jefferson L. Wagener, a citizen of the United States of America, residing at 45 Skyline Drive, Morristown, NJ 07960 (hereinafter collectively and severally referred to as "Assignor") have invented a certain invention entitled:

**Large Scale Optical Switch using Asymmetric 1x2 Elements**

which invention is described, illustrated and claimed in an application for Letters Patent of the United States of America that has been filed with the United States Patent and Trademark Office on 10/14/2015 and accorded serial number 14883051 and is identified by Nistica, Inc. reference number 2062/29, and

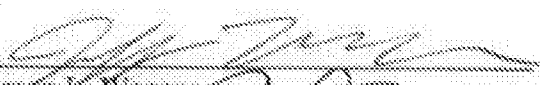
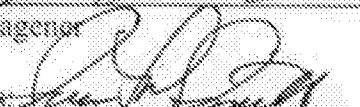
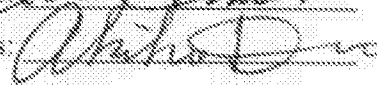
WHEREAS, Nistica, Inc., a corporation having an office at 745 Route 202-206, Bridgewater, NJ 08807 (hereinafter referred to as "Assignee", which term includes the successors and assigns of assignee), is desirous of acquiring the entire right, title and interest, in and to said invention and in and to said letters patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

NOW THEREFORE, be it known that in consideration of the payment by assignee to each assignor of the sum of ten dollars (\$10.00) and for other good and valuable consideration, the receipt of which is hereby acknowledged, assignors, collectively and severally, hereby sell, assign and transfer to assignee their full and complete right, title, and interest in and to said invention and said patent application (including the rights of priority thereto) in the United States, its possessions, and in all foreign countries, and to all Letters Patent or similar legal protection in the United States, its possessions, and any and all foreign countries to be obtained on said invention or issuing from said application or any continuation, division, renewal, substitute or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment, sale, and transfer.

ASSIGNOR further covenants that assignee will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention, application, and Letters Patent and legal equivalents thereto in such foreign countries as may be known to and within the control of assignors and assignors will in good faith testify as to the same in any interference, proceeding, or litigation related thereto and will promptly execute and deliver to assignee or its legal representative any and all papers, instruments, affidavits, or the like required or useful to apply for, obtain, maintain, issue and enforce said application or Letters Patent or equivalent thereof in any aforesaid country of the world which may be necessary or desirable therefor.

IN WITNESS WHEREOF, I have hereunto set my signature representing my hand and seal on the respective date(s) indicated.

(1)  Date 11/11/15  
Jefferson E. Wagener  
Witness:  Date: 11/11/15  
Witness:  Date: 11/11/15