

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6080560

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|---|------------------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| ALCATEL LUCENT | 08/22/2017 |
| RECEIVING PARTY DATA | |
| Name: | WSOU INVESTMENTS LLC |
| Street Address: | 11150 SANTA MONICA BLVD. |
| Internal Address: | SUITE 1400 |
| City: | LOS ANGELES |
| State/Country: | CALIFORNIA |
| Postal Code: | 90025 |
| PROPERTY NUMBERS Total: 3 | |
| Property Type | Number |
| Patent Number: | 8621301 |
| Patent Number: | 7171124 |
| Patent Number: | 8411624 |
| CORRESPONDENCE DATA | |
| Fax Number: | |
| <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> | |
| Phone: | 208-327-8900 |
| Email: | docketing@burdickpatents.com |
| Correspondent Name: | SEAN D. BURDICK |
| Address Line 1: | 2537 W. STATE STREET |
| Address Line 2: | SUITE 220 |
| Address Line 4: | BOISE, IDAHO 83702 |
| NAME OF SUBMITTER: | SEAN D. BURDICK |
| SIGNATURE: | /Sean D. Burdick/ |
| DATE SIGNED: | 04/27/2020 |
| Total Attachments: 5 | |
| source=20170822 Alcatel Lucent to WSOU#page1.tif | |
| source=20170822 Alcatel Lucent to WSOU#page2.tif | |
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SCHEDULE J1:**CONFIRMATION OF ASSIGNMENT**

DATE: August 22, 2017

Alcatel Lucent, a company validly organized and existing under the laws of France and having its principal address at 1 Route de Villejust, Centre de Villarceaux, 91620, Nozay, France (“**Assignor**”).

WSOU Investments LLC, a company validly organized under the laws of Delaware, having its principal address at 11150 Santa Monica Boulevard, Suite 1400 Los Angeles, CA 90025 (“**Assignee**”).

I, the undersigned, representing above-named Assignor, hereby confirm as follows:

The Assignor was the owner of all rights in and to the patents identified in Exhibit A hereto (the "Assigned Patents").

On or about August 22, 2017, the Assignor assigned all rights in and to the Assigned Patents to the Assignee (the "Patent Assignment").

The Patent Assignment included, subject to all existing encumbrances (including without limitation, right and licenses of other parties), where, such existing encumbrances shall run with the Assigned Patents, the assignment to Assignee and its successors and onward assigns all right, title, and interest in and to the Assigned Patents, including without limitation all causes of action and other enforcement rights for damages, injunctive relief and any other remedies of any kind for past, current, and future infringement, subject to the terms, conditions and all existing encumbrances and which shall run with the Assigned Patents, to the extent such damages or relief hereinabove are not already paid, awarded or contractually owed to Assignor, its affiliates or any predecessor of Assignor or Assignor's affiliates.

This Confirmation of Assignment may be executed by the Parties in one or more counterparts, each of which when so executed shall be an original, but all such counterparts shall constitute one and the same instrument. Each Party intends that a facsimile of its signature printed from an unaltered scanned version of its original signature such as by a printer printing an unaltered Portable Document Format (PDF) file supplied by the Party be regarded as an original signature.

[signature page to follow]
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IN WITNESS WHEREOF, the Assignor has caused this Assignment to be signed by its duly authorized officers.

ASSIGNOR:

ALCATEL LUCENT

By: KATHRYN E. OLSON

Name: KATHRYN E. OLSON

Title: DIRECTOR, MANAGERIAL COUNSEL - IP LEGAL

Date: 27 SEPT 2019

ASSIGNOR:

ALCATEL LUCENT

By: _____

Name: _____

Title: _____

Date: _____

ACKNOWLEDGED BY ASSIGNEE

ASSIGNEE:

WSOU INVESTMENTS LLC

By: _____

Name: _____

Title: _____

Date: _____

IN WITNESS WHEREOF, the Assignor has caused this Assignment to be signed by its duly authorized officers.

ASSIGNOR:

ALCATEL LUCENT

By: _____


Name: _____

Title: _____

Date: _____

ASSIGNOR:

ALCATEL LUCENT

By:  _____

Name:

| |
|---|
| Françoise MLEIN Senior Corporate Legal Counsel |
|---|

Title: _____

Date: September 30, 2013

ACKNOWLEDGED BY ASSIGNEE

ASSIGNEE:

WSOU INVESTMENTS LLC

By: _____

Name: _____

Title: _____

Date: _____

IN WITNESS WHEREOF, the Assignor has caused this Assignment to be signed by its duly authorized officers.

ASSIGNOR:

ALCATEL LUCENT

By: _____

Name: _____

Title: _____

Date: _____

ASSIGNOR:

ALCATEL LUCENT

By: _____

Name: _____

Title: _____

Date: _____

ACKNOWLEDGED BY ASSIGNEE

ASSIGNEE:

WSOU INVESTMENTS LLC

By: Stuart Shanus

Name: stuart shanus

Title: President

Date: 9/30/2019

**EXHIBIT A OF SCHEDULE J1 – ASSIGNED PATENTS
IN CONFIRMATION OF ASSIGNMENT**

| Family | Case Reference | Grant Number | Appl. No. | Pub. No. | Issue Date | Filing Date | Title |
|---------------|-----------------------|---------------------|------------------|-----------------|-------------------|--------------------|---|
| 806624 | 806624-US-CIP | US8621301 | 12/827556 | 20100293423 | 12/31/13 | 06/30/10 | Method And Apparatus For Virtual In-Circuit Emulation |
| 875535 | 875535-US-NP | US7171124 | 09/909265 | 20030020977 | 01/30/07 | 07/19/01 | Wavelength Routing And Switching Mechanism For A Photonic Transport Network |
| 891421 | 891421-US-CIP | US8411624 | 12/459435 | 20100034157 | 04/02/13 | 07/01/09 | Method Of Dynamic Resource Allocation In Wireless Systems |
| 809375 | 809375-ES-EPA | EP2503858 | 11305329.2 | EP2503858 | 12/25/13 | 03/24/11 | Printed Circuit Board and Diplexer Circuit |
| 864690 | 864690-JP-PCD | | 2014098463 | 2014180025 | | 11/04/10 | Method And Apparatus For Error Detection In A Communication System |