505089907 09/12/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5136665

		NEW ASSIGNMENT	
NATURE OF CONVE	YANCE:	MERGER AND CHANGE OF NAME	
EFFECTIVE DATE:		01/01/2018	
CONVEYING PART	Υ DATA		
		Name	Execution Date
NOKIA SOLUTIONS AND NETWORKS US LLC		01/01/2018	
ALCATEL-LUCENT USA INC.		01/01/2018	
NEWLY MERGED E	NTITY DATA	Name	Execution Date
ALCATEL-LUCENT USA INC.		01/01/2018	

Street Address:	600-700 MOUNTAIN AVENUE	
City:	MURRY HILL	
State/Country:	NEW JERSEY	
Postal Code:	07974-0636	

PROPERTY NUMBERS Total: 7

Property Type	Number
Application Number:	15091890
Application Number:	14684408
Application Number:	15217686
Application Number:	15159494
Application Number:	15462519
Application Number:	15456211
Application Number:	15198731

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sentusing a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.Email:ipr.inhouse@nokia.comCorrespondent Name:MARY POREMBAAddress Line 1:600-700 MOUNTAIN AVENUE

Address Line 2: ROOM 6E-210

PATENT

Address Line 4: MUF	MURRAY HILL, NEW JERSEY 07974-0636			
ATTORNEY DOCKET NUMBER:	OCTOBER2018 ISSUE FEES			
NAME OF SUBMITTER:	NIRAJ A. DESAI			
SIGNATURE:	/Niraj A. Desai/			
DATE SIGNED:	09/12/2018			
Total Attachments: 3 source=Certificate of Merger NSN US LLC into ALU USA -renamed NoAC- Jan. 1, 2018#page1.tif source=Certificate of Merger NSN US LLC into ALU USA -renamed NoAC- Jan. 1, 2018#page2.tif				

source=Certificate of Merger NSN US LLC into ALU USA -renamed NoAC- Jan. 1, 2018#page3.tif

Delaware

The First State

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"NOKIA SOLUTIONS AND NETWORKS US LLC", A DELAWARE LIMITED LIABILITY COMPANY,

WITH AND INTO "ALCATEL-LUCENT USA INC." UNDER THE NAME OF "NOKIA OF AMERICA CORPORATION", A CORFORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE ON THE TWENTY-SECOND DAY OF DECEMBER, A.D. 2017, AT 11:54 O'CLOCK A.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF MERGER IS THE FIRST DAY OF JANUARY, A.D. 2018.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.



2565838 8100M SR# 20177752788

You may verify this certificate online at corp.delaware.gov/authver.shtml

Million 27. 8000

Authentication: 203825975 Date: 12-26-17

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PATENT REEL: 046849 FRAME: 0079

Division of Corporations CERTIFICATE OF MERGER Delivered 11:53 AM 12/22/2017 MERGING SR 20177752788 - File Number 2565838 NOKIA SOLUTIONS AND NETWORKS US LLC, A DELAWARE LIMITED LIABILITED CONFAINT WITH AND INTO ALCATEL-LUCENT USA INC., A DELAWARE CORPORATION

Pursuant to Title 8, Section 264 of the General Corporation Law of the State of Delaware and Title 6, Section 18-209 of the Delaware Limited Liability Company Act

Alcatel-Lucent USA Inc., a Delaware corporation ("ALU Inc."),

DOES HEREBY CERTIFY:

FIRST: The name and state of formation or incorporation of each of the constituent entities of the merger are as follows:

Name		State of Incorporation	Form of Entity
(a) Alcatel-Lucent USA Inc.		Delaware	Corporation
(b) Nokia Solutions and Networks U	S LLC (" <u>NSN LLC</u> ")	Delaware	Limited Liability Company

SECOND: An Agreement of Merger with respect to the merger of NSN LLC with and into ALU Inc. (the "Merger") has been approved, adopted, certified, executed and acknowledged by each of ALU Inc. and NSN LLC in accordance with Section 264 of the Delaware General Corporation Law and Section 18-209 of the Delaware Limited Liability Company Act.

THIRD: The surviving entity of the Merger shall be ALU Inc. (the "Surviving Entity"), and the name of the Surviving Entity shall be amended in the Merger to be "Nokia of America Corporation."

FOURTH: The Merger shall be effective as of January 1, 2018.

FIFTH: The Restated Certificate of Incorporation of the Surviving Entity, as in effect immediately prior to the Merger, will continue as the Restated Certificate of Incorporation of Alcatel-Lucent USA Inc. and at the effective time of the Merger shall be amended as follows:

i. Item number 1 shall be deleted in its entirety, and the following new item number 1 shall be substituted in lieu thereof: "1. The name of the Corporation is Nokia of America Corporation."

State of Delaware Scoretary of State

SIXTH: The executed Agreement of Merger is on file at 600 Mountain Avenue, Murray Hill, NJ 07974, the principal place of business of the Surviving Entity.

SEVENTH: A copy of the Agreement of Merger will be furnished by the Surviving Entity on request, and without cost, to any member of NSN LLC or the stockholder of any constituent companies or entities.

IN WITNESS WHEREOF, the Surviving Entity has caused this Certificate of Merger to be signed as of the date written below by a duly authorized officer, declaring that the facts stated herein are true

ALCATEL-LUCENT USA INC.

Jeconten 22 2017

By: Margaret & . Libj Name: Margaret G. Gelsi

Title: Secretary