505587376 07/24/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5634175

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE: MERGER AND CHANGE OF NAME	
EFFECTIVE DATE:	01/01/2018

CONVEYING PARTY DATA

Name	Execution Date
NOKIA SOLUTIONS AND NETWORKS OY	12/22/2017

NEWLY MERGED ENTITY DATA

Name	Execution Date
ALCATEL-LUCENT USA INC	12/22/2017

MERGED ENTITY'S NEW NAME (RECEIVING PARTY)

Name:	NOKIA OF AMERICA CORPORATION
Street Address:	600-700 Mountain Avenue
Internal Address:	
City:	Murray Hill
State/Country:	New Jersey
Postal Code:	07974-0636

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15499528

CORRESPONDENCE DATA

Fax Number: (512)355-1119

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.

Phone: (512)582-2455

Email: nokia@ds-patent.com, ipsnarocp@nokia.com

Correspondent Name: DAVIDSON SHEEHAN LLP
Address Line 1: 6836 AUSTIN CENTER BLVD.

Address Line 2: SUITE 320

Address Line 4: AUSTIN, TEXAS 78731

ATTORNEY DOCKET NUMBER:	4100-820070-US
NAME OF SUBMITTER:	ASHLEY E. HOGENMILLER
SIGNATURE:	/Ashley E. Hogenmiller/
DATE SIGNED:	07/24/2019

505587376 PATENT REEL: 049847 FRAME: 0683

Total Attachments: 3

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> PATENT REEL: 049847 FRAME: 0684

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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 "MOKIA OF AMERICA CORPORATION", A CORPORATION 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.

Taylor St. Asymptotic St. Asymptotic

2565838 8100M SR# 20177752788

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

Authentication: 203825975

Date: 12-26-17

PATENT REEL: 049847 FRAME: 0685

State of Delaware Secretary of State Division of Corporations Belivered 11:53 AM 12/22/2017 THEO 11:54 AM 12/22/2017

SR 20177752788 - File Number 2565838

CERTIFICATE OF MERGER MERGING

NOKIA SOLUTIONS AND NETWORKS US LLC. A DELAWARE LIMITED LIABILITY LUMPARY 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."),

*****OES HEREBY CERTIFY:

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

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

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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.

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lame: Margáret G. Gelsi

Title: Secretary

PATENT

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RECORDED: 07/24/2019