### 502461887 08/16/2013

#### PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date	
Abdullatif Shikfa	06/05/2013	
Serge Papillon	06/05/2013	

#### **RECEIVING PARTY DATA**

Name:	Alcatel-Lucent
Street Address:	3, avenue Octave Greard
City:	Paris
State/Country:	FRANCE
Postal Code:	75007

### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13907044

#### CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	7650-0096
NAME OF SUBMITTER:	Marina F. Cunningham
Signature:	/Marina F. Cunningham/
Date:	08/16/2013

# Total Attachments: 3

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> PATENT REEL: 031028 FRAME: 0189

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## ASSIGNMENT AND AGREEMENT

For value received, we, Abdullatif Shikfa and Serge Papillon, of Villebon-sur-Yvette, FRANCE and Paris, FRANCE, respectively, hereby sell, assign and transfer to Alcatel-Lucent, having an office at 3, avenue Octave Gérard, 75007 Paris, FRANCE, and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to

### SYSTEMS AND METHODS FOR ENABLING SEARCHABLE ENCRYPTION

described in an application for Letters Patent of the United States, executed by us on May 31, 2013 as Serial No. 13/907,044, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to Alcatel-Lucent the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize Alcatel-Lucent to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Alcatel-Lucent to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to Alcatel-Lucent in the United States and in all countries foreign to the United States, or to such nominees as Alcatel-Lucent may designate.

PATENT REEL: 031028 FRAME: 0190 We agree that, when requested, we shall, without charge to Alcatel-Lucent but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

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