

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Kun-Yii Tu	12/17/2009
Ting-Chen Hu	12/17/2009
Y.K. Chen	12/17/2009

**RECEIVING PARTY DATA**

Name:	Alcatel-Lucent USA, Incorporated
Street Address:	600-700 Mountain Avenue
City:	Murray Hill
State/Country:	NEW JERSEY
Postal Code:	07974

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	12641601

**CORRESPONDENCE DATA**

Fax Number: (972)480-8865  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
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 Correspondent Name: HITT GAINES, PC ALCATEL-LUCENT  
 Address Line 1: PO BOX 832570  
 Address Line 4: RICHARDSON, TEXAS 75083

ATTORNEY DOCKET NUMBER:	805937
NAME OF SUBMITTER:	Andrew R. Ralston

Total Attachments: 4  
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**PATENT  
 REEL: 023674 FRAME: 0499**

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## ASSIGNMENT

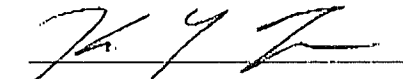
For value received, we Kun-Yii Tu a citizen of USA in the County of Hunderdon and the State of New Jersey and Ting-Chen Hu a citizen of Taiwan in the County of Middlesex and the State of New Jersey and Y.K. Chen a citizen of USA in the County of Union and the State of New Jersey, hereby sell, assign and transfer to Alcatel-Lucent USA, Incorporated, a corporation of DE, having an office at 600-700 Mountain Avenue, Murray Hill, NJ 07974, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, in and to certain inventions related to "PHOTONIC MATCH FILTER" described in an application for Letters Patent of the United States, executed by us of even date herewith, 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 USA, Incorporated 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 USA, Incorporated to make application for such protection in its own name and maintain such protection in any and all foreign countries 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 USA, Incorporated 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 USA, Incorporated in the United States and in all countries foreign to the United States, or to such nominees as Alcatel-Lucent USA, Incorporated may designate.

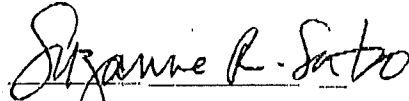
We agree that, when requested, I shall, without charge to Alcatel-Lucent USA, Incorporated but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

  
Kun-Yii Tu

State of New Jersey

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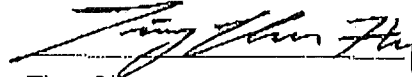
On this 17<sup>th</sup> day of December, 2009, before me personally came Kun-Yii Tu, to me known to be the individual described herein and who executed the foregoing instrument, and acknowledged execution of the same.

  
Notary Public

My Commission Expires 7/12/2012

Alcatel-Lucent USA, Incorporated  
600-700 Mountain Avenue  
Murray Hill, NJ 07974

**Suzanne R. Sabo**  
Notary Public - State of NJ  
Commission No. 2362056  
My Commission Expires 7/12/2012



Ting-Chen Hu

§  
§  
§

State of New Jersey

On this 17<sup>th</sup> day of December, 2009, before me personally came Ting-Chen Hu, to me known to be the individual described herein and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public

My Commission Expires 7/12/2012

Alcatel-Lucent USA, Incorporated  
600-700 Mountain Avenue  
Murray Hill, NJ 07974

Suzanne R. Sabo  
Notary Public - State of NJ  
Commission No. 2362056  
My Commission Expires 7/12/2012

*Y.K. Chen*

Y.K. Chen

§  
§  
§

State of New Jersey

On this 17<sup>th</sup> day of December, 2009, before me personally came Y.K. Chen, to me known to be the individual described herein and who executed the foregoing instrument, and acknowledged execution of the same.

*Suzanne R. Sabo*  
Notary Public

My Commission Expires 7/12/2012

Alcatel-Lucent USA, Incorporated  
600-700 Mountain Avenue  
Murray Hill, NJ 07974

Suzanne R. Sabo  
Notary Public - State of NJ  
Commission No. 2362056  
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