PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Joanna Aizenberg	04/07/2006
Paul Robert Kolodner	04/10/2006
Thomas Nikita Krupenkin	04/04/2006
Oleksandr Sydorenko	01/29/2007
Joseph Ashley Taylor	04/04/2006

RECEIVING PARTY DATA

Name:	Alcatel-Lucent USA Inc.
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:	11279220

CORRESPONDENCE DATA

Fax Number: (972)480-8865

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

972-480-8800 Phone:

Email: liz.schumacher@hittgaines.com

Correspondent Name: Hitt Gaines, P.C. Address Line 1: P.O. Box 832570

Address Line 4: Richardson, TEXAS 75083

ATTORNEY DOCKET NUMBER:	AIZENBERG 18-25-42-4-31
NAME OF SUBMITTER:	Ronald J. Corbett

PATENT

REEL: 025921 FRAME: 0536

Total Attachments: 20 source=Aizenberg_18_Assignments#page1.tif source=Aizenberg_18_Assignments#page2.tif source=Aizenberg_18_Assignments#page3.tif source=Aizenberg_18_Assignments#page4.tif source=Aizenberg_18_Assignments#page5.tif source=Aizenberg_18_Assignments#page6.tif source=Aizenberg_18_Assignments#page7.tif source=Aizenberg_18_Assignments#page8.tif source=Aizenberg_18_Assignments#page9.tif source=Aizenberg_18_Assignments#page10.tif source=Aizenberg_18_Assignments#page11.tif source=Aizenberg_18_Assignments#page12.tif source=Aizenberg_18_Assignments#page13.tif source=Aizenberg_18_Assignments#page14.tif source=Aizenberg_18_Assignments#page15.tif source=Aizenberg_18_Assignments#page16.tif source=Aizenberg_18_Assignments#page17.tif source=Aizenberg_18_Assignments#page18.tif source=Aizenberg_18_Assignments#page19.tif source=Aizenberg_18_Assignments#page20.tif

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UNITED STATES PATENT AND TRADEMARK OFFICE

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APRIL 11, 2006

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500092801A

RONALD J. CORBETT, HITT GAINES, P.C. P.O.BOX 832570 RICHARDSON, TX 75083-2570

500092801A

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RECORDATION DATE: 04/10/2006

REEL/FRAME: 017447/0395

NUMBER OF PAGES: 8

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS). DOCKET NUMBER: AIZENBERG 18-25-42-4-31

ASSIGNOR:

AIZENBERG, JOANNA

DOC DATE: 04/07/2006

ASSIGNOR:

KOLODNER, PAUL ROBERT

DOC DATE: 04/10/2006

ASSIGNOR:

KRUPENKIN, THOMAS NIKITA

DOC DATE: 04/04/2006

ASSIGNOR:

SYDORENKO, OLEKSANDER

DOC DATE: 04/04/2006

ASSIGNOR:

TAYLOR, JOSEPH ASHLEY

DOC DATE: 04/04/2006

P.O. Box 1450, Alexandria, Virginia 22313-1450 - www.uspro.gov

PATENT

REEL: 025921 FRAME: 0538

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017447/0395 PAGE 2

ASSIGNEE:

LUCENT TECHNOLOGIES INC.

600 MOUNTAIN AVENUE

MURRAY HILL, NEW JERSEY 07974

SERIAL NUMBER: 11279220

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

TITLE: ENVIRONMENTALLY SENSITIVE NANOSTRUCTURED SURFACES

TONYA LEE, EXAMINER
ASSIGNMENT SERVICES BRANCH
PUBLIC RECORDS DIVISION

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1 04/10/2006 500092801

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Joanna Aizenberg	04/07/2006
Paul Robert Kolodner	04/10/2006
Thomas Nikita Krupenkin	04/04/2006
Oleksander Sydorenko	04/04/2006
Joseph Ashley Taylor	04/04/2006

RECEIVING PARTY DATA

Name:	Lucent Technologies Inc.
Street Address:	600 Mountain Avenue
City:	Murray Hill
State/Country:	NEW JERSEY
Postal Code:	07974

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11279220

CORRESPONDENCE DATA

Fax Number:

(972)480-8865

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Email:

ron.corbett@hittgaines.com

Correspondent Name:

Ronald J. Corbett, Hitt Gaines, P.C.

Address Line 1:

P.O.Box 832570

Address Line 4:

Richardson, TEXAS 75083-2570

ATTORNEY DOCKET NUMBER:	AIZENBERG 18-25-42-4-31	
NAME OF SUBMITTER:	Ronald J. Corbett	

Total Attachments: 8

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Company:

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1 Cover Page

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DOCKET NO: AIZENBERG 18-25-42-4-31 PATENT

ASSIGNMENT

For value received, we Joseph Ashley Taylor a citizen of USA in the County of Union and the State of NJ and Joanna Aizenberg a citizen of USA in the County of Union and the State of NJ and Paul Robert Kolodner a citizen of USA in the County of Hudson and the State of NJ and Thomas Nikita Krupenkin a citizen of USA in the County of Somerset and the State of NJ and Oleksander Sydorenko a citizen of Ukraine in the County of Middlesex and the State of NJ, hereby sell, assign and transfer to Lucent Technologies Inc., a corporation of the State of DE, having an office at 600 Mountain Avenue, Murray Hill, NJ 07974-0636, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, in and to certain inventions related to "ENVIRONMENTALLY SENSITIVE NANOSTRUCTURED SURFACES" 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 Lucent Technologies Inc. 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 Lucent Technologies Inc. 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 Lucent Technologies Inc. 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 Lucent Technologies Inc. in the United States and in all countries foreign to the United States, or to such nominees as Lucent Technologies Inc. may designate.

We agree that, when requested, I shall, without charge to Lucent Technologies Inc. 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.

Lucent Technologies Inc. 600 Mountain Avenue Murray Hill, NJ 07974-0636 CATHERINE F. DUGAN NOTARY PUBLIC OF NEW JERSEY Commission Expires 1/17/2007

My Commission Expires

Notary Public

Sharrunda A, Ross Notary Public My Commission Expires 08/01/06

			Thomas Nikite	Krupenkin
			§	
State of NJ			§	
County of	Union		§	
		day of _ Nikita Krupenkin, to me k foregoing instrument, an		
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			ather	ne F. Dyfor
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			My Commiss	sion Expires 1/17/2007

CATHERINE F. DUGAN MOTARY PUBLIC OF NEW JESSEY Commission Expires 1/17/2007

	Oe .
	Oleksander Sydorenko
	§
State of NJ	§
County of Union	§
• •	day of, 2005, before to me known to be the individual described strument, and acknowledged execution of the
	Notary Public
	My Commission Expires ((7/200

CATHERINE F. DUGAN NOTARY PUBLIC OF NEW JERSEY Commission Expires 1/17/2007

	Joseph Ashley Taylor
	§
State of NJ	§
	§
On this me personally came Joseph herein and who executed the same.	day of, 2006, before Ashley Taylor, to me known to be the individual described e foregoing instrument, and acknowledged execution of the Notary Public

Sharrunda A. Ross Notary Public My Commission Expires 08/01/06

My Commission Expires

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PAGE 2/004

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FEBRUARY 06, 2007

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RONALD J. CORBETT PO BOX 832570 RICHARDSON, TX 75083

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RECORDATION DATE: 02/06/2007

REEL/FRAME: 018858/0193

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS). DOCKET NUMBER: AIZENBERG 18-25-42-4-31

ASSIGNOR:

SYDORENKO, OLEKSANDR

DOC DATE: 01/29/2007

ASSIGNEE:

PATENT NUMBER:

LUCENT TECHNOLOGIES INC. 600 MOUNTAIN AVENUE MURRAY HILL, NEW JERSEY 07974

SERIAL NUMBER: 11279220

FILING DATE: 04/10/2006

ISSUE DATE:

TITLE: ENVIRONMENTALLY SENSITIVE NANOSTRUCTURED SURFACES

P.O. Box 1450, Alexandria, Virginia 22313-1450 - www.uspto.gov

USPTO

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'O:RONALD J. CORBETT COMPAN O BOX 832570

018858/0193 PAGE 2

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REEL: 025921 FRAME: 0550





UNITED STATES PATENT AND TRADEMARK OFFICE

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Company:

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Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Oleksandr Sydorenko	01/29/2007

RECEIVING PARTY DATA

Name:	Lucent Technologies Inc.	
Street Address:	600 Mountain Avenue	
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Phone: 972

972-480-8800

Email: Correspondent Name: liz.schumacher@hittgaines.com

Address Line 1:

Ronald J. Corbett PO Box 832570

Address Line 4:

Richardson, TEXAS 75083

ATTORNEY DOCKET

NUMBER:

AIZENBERG 18-25-42-4-31

PATEN'T

NAME OF SUBMITTER:		Ronald J. Corbett
Signature:		/Ronald J. Corbett/
Date:		02/06/2007
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif		
RECEIPT INFORMATION		
EPAS ID: Receipt Date: Fee Amount:	PAT226699 02/06/2007 \$40	

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PATENT REEL: 025921 FRAME: 0553/6/2007

ASSIGNMENT AND AGREEMENT

For value received, I, Oleksandr Sydorenko, of Painted Post in Steuben County of the State of New York, hereby sell, assign and transfer to Lucent Technologies Inc., a corporation of the State of Delaware, having an office at 600 Mountain Avenue, Murray Hill, New Jersey, 07974-0636, U.S.A. and its successors, assigns and legal representatives, any right, title and interest that I may have, for the United States of America, in and to certain inventions related to **ENVIRONMENTALLY SENSITIVE NANOSTRUCTURED SURFACES** described in an application for Letters Patent of the United States, Serial No. 11/279,220, filed April 10, 2006, and any rights and privileges that I may have in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and I also concurrently hereby sell, assign and transfer to Lucent Technologies Inc. any right, title and interest that I may have in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and any rights and privileges that I may have 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.

Under any rights that I may have, I authorize Lucent Technologies Inc. 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 me, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

I 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 Lucent Technologies Inc. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

Under any rights that I may have, I request that any and all patents for said inventions be issued to Lucent Technologies Inc. in the United States and in all countries foreign to the United States, or to such nominees as Lucent Technologies Inc. may designate.

I agree that, when requested, I shall, without charge to Lucent Technologies Inc. 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.

Oleksandr Sydorenko

Date: 10m 29, 2007

United States of America)

State of New York) ss .:

County of Steubern)

On this 29th day of 3007, before me personally came, Oleksandr Sydorenko to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Shown Amold Notary Public

Alcatel-Lucent Docket Administrator, Room 2F-192 600-700 Mountain Avenue Murray Hill, NJ 07974-0636 Sharon Arnold Reg. No. 4700504 Notary Public State Of New York Qualified in Chemung County My Commission Expires June 30.

2007

Delaware

PAGE 1

The First State

I, HARRIET SMITH WINDSOR, 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:

"ALCATEL USA MARKETING, INC.", A DELAWARE CORPORATION,
"ALCATEL USA SOURCING, INC.", A DELAWARE CORPORATION,

WITH AND INTO "LUCENT TECHNOLOGIES INC." UNDER THE NAME OF
"ALCATEL-LUCENT USA INC.", A CORPORATION ORGANIZED AND EXISTING
UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED
IN THIS OFFICE THE TWENTY-SEVENTH DAY OF OCTOBER, A.D. 2008, AT
1:41 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF MERGER IS THE FIRST DAY OF NOVEMBER, A.D. 2008, AT 12:01 O'CLOCK A.M.

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

2565838 8100M

081068369

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

Darriet Smith Hindson

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 6935289

DATE: 10-28-08

State of Delaware Secretary of State Division of Corporations Delivered 01:41 PM 10/27/2008 FILED 01:41 PM 10/27/2008 SRV 081068369 - 2565838 FILE

CERTIFICATE OF MERGER
MERGING
ALCATEL USA MARKETING, INC.
AND
ALCATEL USA SOURCING, INC.
INTO
LUCENT TECHNOLOGIES INC.

Lucent Technologies Inc., a corporation organized under the laws of the State of Delaware (the "Surviving Corporation"), pursuant to Section 251 of the General Corporation Law of the State of Delaware (the "DGCL"), hereby certifies as follows:

1. The name and state of incorporation of each of the constituent corporations are as follows:

Name	State of Incorporation
Alcatel USA Marketing, Inc.	Delaware
Alcatel USA Sourcing, Inc.	Delaware
Lucent Technologies Inc.	Delaware

- 2. An Agreement of Merger, dated as of October 17, 2008 (the "Agreement of Merger"), among the constituent corporations, has been approved, adopted, certified, executed and acknowledged by each of the constituent corporations in accordance with Section 251 and all other applicable provisions of the DGCL.
 - 3. The name of the Surviving Corporation is Lucent Technologies Inc.
- 4. The certificate of incorporation of Lucent Technologies Inc. shall be the certificate of incorporation of the Surviving Corporation; provided, however, that Article FIRST of the certificate of incorporation of Lucent Technologies Inc. is hereby amended to read in its entirety as follows:

"<u>FIRST</u>: The name of the Corporation is Alcatel-Lucent USA Inc. (hereinafter the 'Corporation')."

5. The executed Agreement of Merger is on file at the principal place of business of the Surviving Corporation, the address of which is as follows:

600-700 Mountain Avenue Murray Hill, New Jersey 07974

6. A copy of the Agreement of Merger will be furnished by the Surviving Corporation, on request and without cost, to any stockholder of any constituent corporation.

This Certificate of Merger shall become effective at 12:01 a.m. (Eastern Daylight Time) on November 1, 2008.

IN WITNESS WHEREOF, this Certificate of Merger has been executed by the Surviving Corporation as of October 17, 2008.

LUCENT TECHNOLOGIES INC.

Scott E. Wolfe, Secretary

PATENT REEL: 025921 FRAME: 0557

RECORDED: 03/08/2011