

Form PTO-1595 (Rev. 09/04)
OMB No. 0651-0027 (exp. 6/30/2005)

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

RECORDATION FORM COVER SHEET

PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

VAGE OGANESIAN (11/02/2010), BELGACEM
HABA (11/02/2010), ILYAS MOHAMMED
(11/02/2010), CRAIG MITCHELL (11/02/2010),
AND

Execution Date(s): in parentheses after inventor name

Additional name(s) of conveying party(ies) attached? ☒ Yes ☐ No

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other

2. Name and address of receiving party(ies)

Name: TESSERA RESEARCH LLC

Internal Address: _____

Street Address: _____

3025 ORCHARD PARKWAY

City: SAN JOSE

State: CALIFORNIA

Country: United States of America Zip: 95134

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

A. Patent Application No.(s)
12/883,431

☐ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Charles H. Humkey
LERNER, DAVID, LITTENBERG,
KRUMHOLZ & MENTLIK, LLP

Internal Address: Atty, Dkt.: TESSERA 3.0-628

Street Address: 600 South Avenue West

City: Westfield

State: NJ Zip: 07090

Phone Number: (908) 654-5000

Fax Number: (908) 654-0415

Email Address: chumkey@ldlkm.com

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

☐ Authorized to be charged by credit card

☒ Authorized to be charged to deposit account

☐ Enclosed

☐ None required (government interest not affecting title)

8. Payment Information

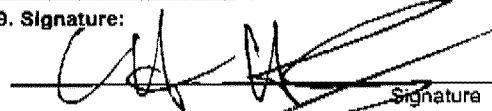
a. Credit Card Last 4 Numbers _____

Expiration Date _____

b. Deposit Account Number 12-1095

Authorized User Name Charles H. Humkey

9. Signature:



Signature

Charles H. Humkey - 60,702

Name of Person Signing

November 8, 2010

Date

Total number of pages including cover sheet, attachments, and documents:

7

Form PTO-1595		RECORDATION FORM COVER SHEET (continued)	
Additional Conveying Party(ies)/Execution Date(s) (1. Continued): Piyush Savalia (11/02/2010)			
Additional Assignees (2. Continued):			
Assignee Name: _____			
Internal Address: _____			
Street Address: _____			
City: _____ State: _____ Country: _____ Zip: _____			
Assignee Name: _____			
Internal Address: _____			
Street Address: _____			
City: _____ State: _____ Country: _____ Zip: _____			
Assignee Name: _____			
Internal Address: _____			
Street Address: _____			
City: _____ State: _____ Country: _____ Zip: _____			
Additional Applications and/or Patents (4. Continued):			
Additional Patent Application Numbers 4A. Continued:		Additional Patent Numbers 4B. Continued:	
Additional numbers attached?		<input type="checkbox"/> Yes <input type="checkbox"/> No	

1289677 1.doc

former PTO/SB/15 (8-00) Modified LDLKM

ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional) TESSERA 3.0-628
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Whereas, I, Vage Oganessian of
c/o Tessera Research LLC; 3025 Orchard Parkway; San Jose, California 95134
 hereafter referred to as assignor, have with others invented certain new and useful improvements in
STACKED CHIP ASSEMBLY HAVING VERTICAL VIAS
☒ for which an application for a United States Letters Patent was filed on September 16, 2010
 Application Number 12/883,431
☐ for which an application for a United States Letters Patent was executed by me on _____
 and _____

Whereas, Tessera Research LLC
 a Limited Liability Company of Delaware herein referred to as "assignee" whose mailing address is
3025 Orchard Parkway; San Jose, California 95134
 is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFORE, in consideration of the sum of one dollars (\$ 1.00), the receipt whereof
 is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said
 assignee my entire right, title and interest for the United States of America and all other countries in and to said
 invention and the aforesaid utility patent application and all original, divisional, continuation, continuation-in-part,
 substitute or reissue applications and patents applied for or granted therefor in the United States of America and all
 other countries, for said invention, including without limitation all applications and patents for said invention claiming
 priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including the right to claim such
 priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all
 patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein;
 and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without
 further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for
 Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said
 assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested,
 to testify in any interferences or other legal proceedings in which any of said applications or patents may become
 involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its
 successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses
 incident to said applications to be borne and paid by said assignee.

And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application
 when known.

11/02/2010 (Date) [Signature] (Signature)


State of California) SS:
 County of Santa Clara)

On NOV 2, 2010, before me, Salina Diaz, Notary Public personally
 appeared Vage Oganessian, who proved to me on the basis of satisfactory evidence to be the person whose name is
 subscribed to the within instrument and acknowledged to me that he executed the same in his authorized
 capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted,
 executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and
 correct.

WITNESS my hand and official seal.

[Signature]
 (Notary Public)


SALINA DIAZ
 Commission # 1889526
 Notary Public - California
 Santa Clara County
 My Comm. Expires May 16, 2014

☒ *Total of 5 forms are submitted.

LD-527

former PTO/SB/15 (9-00) Modified LDLKM

ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional) TESSERA 3.0-628
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Whereas, I, Belgacem Haba of
c/o Tessera Research LLC; 3025 Orchard Parkway; San Jose, California 95134
hereafter referred to as assignor, have with others invented certain new and useful improvements in
STACKED CHIP ASSEMBLY HAVING VERTICAL VIAS
☒ for which an application for a United States Letters Patent was filed on September 16, 2010
Application Number 12/863,431
☐ for which an application for a United States Letters Patent was executed by me on _____
and _____

Whereas, Tessera Research LLC
a Limited Liability Company of Delaware herein referred to as "assignee" whose mailing address is
3025 Orchard Parkway; San Jose, California 95134
is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFORE, in consideration of the sum of one dollars (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, continuation-in-part, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee.

And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.

11-02-2010
(Date)

State of California) SS: [Signature]
County of Santa Clara)

On NOV 2, 2010 before me, Salina Diaz, Notary Public personally appeared Belgacem Haba, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

[Signature]
(Notary Public)

SALINA DIAZ
Commission # 1889526
Notary Public - California
Santa Clara County
My Comm. Expires May 18, 2014

☒ *Total of 5 forms are submitted.

LP-527A

Assignments TESSERA 3.0-628.doc

PATENT
REEL: 025300 FRAME: 0527

ASSIGNMENT OF UTILITY APPLICATION	<small>former PTO/SB/16 (8-00) Modified LDLKAM</small> Docket Number (Optional) TESSERA 3.0-628
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Whereas, I, Ilyas Mohammed of
c/o Tessera Research LLC; 3025 Orchard Parkway; San Jose, California 95134
 hereafter referred to as assignor, have with others invented certain new and useful improvements in
STACKED CHIP ASSEMBLY HAVING VERTICAL VIAS

☒ for which an application for a United States Letters Patent was filed on September 16, 2010
 Application Number 12/883,431

☐ for which an application for a United States Letters Patent was executed by me on _____
 and _____

Whereas, Tessera Research LLC
 a Limited Liability Company of Delaware herein referred to as "assignee" whose mailing address is
3025 Orchard Parkway; San Jose, California 95134
 is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFORE, in consideration of the sum of one dollars (\$ 1.00), the receipt whereof
 is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said
 assignee my entire right, title and interest for the United States of America and all other countries in and to said
 invention and the aforesaid utility patent application and all original, divisional, continuation, continuation-in-part,
 substitute or reissue applications and patents applied for or granted therefor in the United States of America and all
 other countries, for said invention, including without limitation all applications and patents for said invention claiming
 priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including the right to claim such
 priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all
 patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein;
 and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without
 further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for
 Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said
 assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested,
 to testify in any interferences or other legal proceedings in which any of said applications or patents may become
 involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its
 successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses
 incident to said applications to be borne and paid by said assignee.

And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application
 when known.

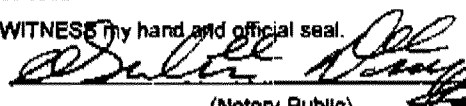
11/2/2010 (Date) Salina Diaz (Signature)


State of California) SS:
 County of Santa Clara)

On Nov 2, 2010, before me, Salina Diaz, Notary Public, personally
 appeared Ilyas Mohammed, who proved to me on the basis of satisfactory evidence to be the person whose name is
 subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized
 capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted,
 executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and
 correct.

WITNESS my hand and official seal.


 (Notary Public)


SALINA DIAZ
 Commission # 1809526
 Notary Public - California
 Santa Clara County
 My Comm. Expires May 16, 2014

☒ *Total of 5 forms are submitted.

LD-527

Assignments TESSERA 3.0-628.doc

PATENT
REEL: 025300 FRAME: 0528

former PTO/SB/16 (8-00) Modified LDLKM

ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional) TESSERA 3.0-628
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Whereas, I, Craig Mitchell of
c/o Tessera Research LLC; 3025 Orchard Parkway; San Jose, California 95134
hereafter referred to as assignor, have with others invented certain new and useful improvements in
STACKED CHIP ASSEMBLY HAVING VERTICAL VIAS
☒ for which an application for a United States Letters Patent was filed on September 16, 2010
Application Number 12/883,431
☐ for which an application for a United States Letters Patent was executed by me on _____
and _____

Whereas, Tessera Research LLC
a Limited Liability Company of Delaware herein referred to as "assignee" whose mailing address is
3025 Orchard Parkway; San Jose, California 95134
is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFORE, in consideration of the sum of one dollars (\$ 1.00), the receipt whereof
is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said
assignee my entire right, title and interest for the United States of America and all other countries in and to said
invention and the aforesaid utility patent application and all original, divisional, continuation, continuation-in-part,
substitute or reissue applications and patents applied for or granted therefor in the United States of America and all
other countries, for said invention, including without limitation all applications and patents for said invention claiming
priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including the right to claim such
priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all
patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein;
and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without
further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for
Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said
assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested,
to testify in any interferences or other legal proceedings in which any of said applications or patents may become
involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its
successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses
incident to said applications to be borne and paid by said assignee.

And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application
when known.


11/2/10 (Date) Craig Mitchell (Signature)

State of California) SS:
County of Santa Clara)

On NOV 2, 2010 before me, Salina Diaz, Notary Public personally
appeared Craig Mitchell, who proved to me on the basis of satisfactory evidence to be the person whose name is
subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized
capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted,
executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and
correct.

WITNESS my hand and official seal:
Salina Diaz (Notary Public)



SALINA DIAZ
Commission # 1889628
Notary Public - California
Santa Clara County
My Comm. Expires May 16, 2014

☒ Total of 5 forms are submitted.

LD-527

Assignments TESSERA 3.0-628 (LIC)

PATENT
REEL: 025300 FRAME: 0529

former PTO/SB/15 (8-00) Modified LDLKM

ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional) TESSERA 3.0-628
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Whereas, I, Piyush Savalia of
c/o Tessera Research LLC: 3025 Orchard Parkway; San Jose, California 95134
hereafter referred to as assignor, have with others invented certain new and useful improvements in
STACKED CHIP ASSEMBLY HAVING VERTICAL VIAS
☒ for which an application for a United States Letters Patent was filed on September 16, 2010
Application Number 12/883,431
☐ for which an application for a United States Letters Patent was executed by me on _____
and _____

Whereas, Tessera Research LLC
a Limited Liability Company of Delaware herein referred to as "assignee" whose mailing address is
3025 Orchard Parkway; San Jose, California 95134
is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFORE, in consideration of the sum of one dollars (\$ 1.00), the receipt whereof
is acknowledged, and other good and valuable consideration, I as assignor hereby sell, assign and set over to said
assignee my entire right, title and interest for the United States of America and all other countries in and to said
invention and the aforesaid utility patent application and all original, divisional, continuation, continuation-in-part,
substitute or reissue applications and patents applied for or granted therefor in the United States of America and all
other countries, for said invention, including without limitation all applications and patents for said invention claiming
priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including the right to claim such
priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all
patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein;
and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without
further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for
Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said
assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested,
to testify in any interferences or other legal proceedings in which any of said applications or patents may become
involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its
successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses
incident to said applications to be borne and paid by said assignee.

And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application
when known.

11/02/2010 (Date) [Signature] (Signature)

State of California) SS:
County of Santa Clara)

On Nov 2, 2010 before me, Salina Diaz, Notary Public personally
appeared Piyush Savalia, who proved to me on the basis of satisfactory evidence to be the person whose name is
subscribed to the within instrument and acknowledged to me that ~~he~~^{she} executed the same in ~~his~~^{her} authorized
capacity, and that by ~~his~~^{her} signature on the instrument the person, or the entity upon behalf of which the person acted,
executed the instrument.

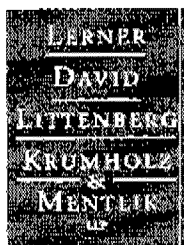
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and
correct.

WITNESS my hand and official seal:
[Signature]
(Notary Public)

SALINA DIAZ
Commission # 1899526
Notary Public - California
Santa Clara County
My Comm. Expires May 16, 2014

☒ *Total of 5 forms are submitted.

LD-527A



600 SOUTH AVENUE WEST • WESTFIELD, NEW JERSEY 07090

908.654.5000 • FAX 908.654.7866 • WWW.LDLKM.COM

PATENTS, TRADEMARKS, COPYRIGHTS & UNFAIR COMPETITION

Facsimile Transmittal

To:	Fax Number	From
USPTO Assignment Division	571-273-0140	Phyllis Kelly 908-518-6456

Date: Nov. 8, 2010

No. Pages: 7

File Name.: TESSERA 3.0-628

Client/Matter No: 1904

Attorney/Secretary: CHH/tdo

MESSAGE:

Please record the attached assignment and fax the Notice of Recordation to Phyllis Kelly at 908-654-7866.

NOTICE: The information contained herein is intended only for the addressee identified above. It may be or may include material that is confidential, attorney-client privileged, attorney work product, copyrighted, and/or inside information. If you are not the intended recipient, or a person responsible for delivering this message to the intended recipient, you are hereby notified that the unauthorized use, disclosure, distribution or copying is strictly prohibited and may be in violation of court order or otherwise unlawful. If you have received this transmission in error, please immediately notify us at 908 654 5000 (collect, if necessary) and return this document to us by mail.

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