

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):

CHARLES G. WOYCHIK (09/19/2011),
KISHOR DESAI (09/26/2011), ILYAS
MOHAMMED (09/12/2011), AND TERRENCE
CASKEY (09/14/2011)

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, INC.

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)
13/156,609

☐ 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: Joseph H. Karlin
LERNER, DAVID, LITTENBERG,
KRUMHOLZ & MENTLIK, LLP

Internal Address: Atty. Dkt.: TESSERA 3.0-673

Street Address: 600 South Avenue West

City: Westfield

State: NJ Zip: 07090

Phone Number: (908) 654-5000

Fax Number: (908) 654-0415

Email Address: jkarlin@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 Joseph H. Karlin

9. Signature:

Joseph H. Karlin

Signature

October 12, 2011

Date

Joseph H. Karlin - 62,471

Name of Person Signing

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

5

CH \$40.00 121095 13156609

(former PTO/EB/15 (8-00) Modified LDK&M)

ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional) TESSERA 3.0-673
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Whereas, I, Charles G. Woychik of
c/o Tessera, Inc.; 3025 Orchard Parkway; San Jose, California 95134
 hereafter referred to as assignor, have with others invented certain new and useful improvements in
LOW-STRESS TSV DESIGN USING CONDUCTIVE PARTICLES
☒ for which an application for a United States Letters Patent was filed on June 9, 2011
 Application Number 13/156,609
☐ for which an application for a United States Letters Patent was executed by me on _____
 and _____

Whereas, Tessera, Inc.
 a corporation 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.

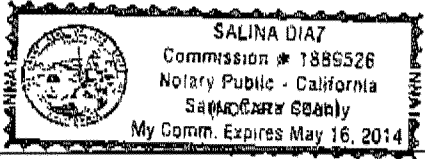
9-19-2011 (Date) Charles G. Woychik (Signature)

State of California) SS:
 County of Santa Clara)

On 9/19/2011, before me, Salina Diaz, Notary Public personally
 appeared Charles G. Woychik, 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)

☒ *Total of 4 forms are submitted.

112-5271

1463702

former PTO/SB/15 (8-00) Modified LDK&M

ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional) TESSERA 3.0-673
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Whereas, I, Kishor Desai of
c/o Tessera, Inc.: 3025 Orchard Parkway: San Jose, California 95134
 hereafter referred to as assignor, have with others invented certain new and useful improvements in
LOW-STRESS TSV DESIGN USING CONDUCTIVE PARTICLES
☒ for which an application for a United States Letters Patent was filed on June 9, 2011
 Application Number 13/156,609
☐ for which an application for a United States Letters Patent was executed by me on _____
 and _____

Whereas, Tessera, Inc.
 a corporation 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.

9/26/2011 (Date) [Signature] (Signature)


State of California) SS:
 County of Santa Clara)

On 9/26/2011 before me, Salina Diaz, Notary Public personally
 appeared Kishor Desai, 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 15, 2014

<input checked="" type="checkbox"/>	*Total of <u>4</u> forms are submitted
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1.02-527:

ASSIGNMENT OF UTILITY APPLICATION	former PTO/SB/15 (8-00) Modified LDI K&M Docket Number (Optional) TESSERA 3.0-673
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Whereas, I, Ilyas Mohammed of c/o Tessera, Inc.; 3025 Orchard Parkway; San Jose, California 95134

hereafter referred to as assignor, have with others invented certain new and useful improvements in LOW-STRESS TSV DESIGN USING CONDUCTIVE PARTICLES

☒ for which an application for a United States Letters Patent was filed on June 9, 2011
 Application Number 13/156,609

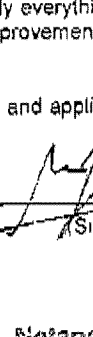
☐ for which an application for a United States Letters Patent was executed by me on _____
 and _____

Whereas, Tessera, Inc.
 a corporation 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.

9/12/2011 (Date)



 (Signature)


State of California) SS:
 County of Santa Clara)

On 9/12/2011 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 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.


 (Notary Public)



☒ Total of 4 forms are submitted.

former PTO/SB/15 (8-00) Modified LDK&M

ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional) TESSERA 3.0-673
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Whereas, I, Terrence Caskey of c/o Tessera, Inc.; 3025 Orchard Parkway; San Jose, California 95134

hereafter referred to as assignor, have with others invented certain new and useful improvements in LOW-STRESS TSV DESIGN USING CONDUCTIVE PARTICLES

☒ for which an application for a United States Letters Patent was filed on June 9, 2011
 Application Number 13/156,609

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

Whereas, Tessera, Inc. a corporation 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.

9/14/2011 (Date) Terrence Caskey (Signature)


State of California) SS.
 County of Santa Clara)

On 9/14/2011 before me, Salina Diaz, Notary Public personally appeared Terrence Caskey, 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.

Salina Diaz (Notary Public)


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

☒ *Total of 4 forms are submitted.

1 D-3271