

Form PTO-1595 (Rev. 09/04)  
OMB No. 0651-0027 (exp. 6/30/2006)

U.S. DEPARTMENT OF COMMERCE  
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### 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):**  
CHANG MYUNG RYU (09/17/2009),  
KIMITAKA ENDO (09/18/2009), BELGACEM  
HABA (08/21/2009), AND YOICHI KUBOTA  
(09/01/2009)

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)  
12/459,864

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: Daryl K. Neff  
LENER, DAVID, LITTENBERG,  
KRUMHOLZ & MENTLIK, LLP

Internal Address: Atty. Dkt.: Tessera 3.0-587

Street Address: 600 South Avenue West

City: Westfield  
State: NJ Zip: 07090

Phone Number: (908) 518-6396

Fax Number: (908) 654-0415

Email Address: dneff@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 Daryl K. Neff

**9. Signature:**

  
Signature

September 30, 2009  
Date

Daryl K. Neff - 38253  
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 7

CH \$40.00 121095 12459864

# ASSIGNMENT OF UTILITY APPLICATION

former PTO/SB/11 (9-00) Modified LDLKM

Docket Number (Optional)

TESSERA 3.0-587

Whereas, I, Chang Myung Ryu 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 **MICROELECTRONIC INTERCONNECT ELEMENT WITH DECREASED CONDUCTOR SPACING**

for which an application for a United States Letters Patent was filed on July 8, 2009  
Application Number 12/459,864

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 there from 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.

I, as assignor, hereby assign to said assignee all of my right, title and interest in United States Provisional Application No. 61/134,457, filed July 9, 2008, and in the invention disclosed thereto in all countries of the world including the right to claim priority or benefit of said Application No. 61/134,457 pursuant to any law or treaty in the countries of the world.

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

\_\_\_\_\_  
(Date) \_\_\_\_\_  
(Signature)

State of California ) SS:  
County of Santa Clara )

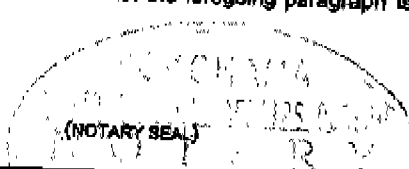
On Sept. 17 2009 before me, Jennifer Kostic  
personally appeared Chang Myung Ryu, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by 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)



\*Total of 4 forms are submitted.

<b>ASSIGNMENT OF UTILITY APPLICATION</b>	<small>Former PTO/EBN 6 (8-00) Modified LCLKM</small> Docket Number (Optional) <b>TESSERA 3.0-587</b>
Whereas, I, <u>Kimitaka Endo</u> of <u>c/o Tessera, Inc., 3025 Orchard Parkway, San Jose, California 95134</u> hereafter referred to as assignor, have with others invented certain new and useful improvements in <b>MICROELECTRONIC INTERCONNECT ELEMENT WITH DECREASED CONDUCTOR SPACING</b>	
<input checked="" type="checkbox"/> for which an application for a United States Letters Patent was filed on <u>July 8, 2009</u> Application Number <u>12/459,864</u>	
<input type="checkbox"/> for which an application for a United States Letters Patent was executed by me on _____ and _____	
Whereas, <u>Tessera, Inc.</u> a corporation of <u>Delaware</u> herein referred to as "assignee" whose mailing address is <u>3025 Orchard Parkway, San Jose, California 95134</u> is desirous of acquiring the entire right, title and interest in the same;	
NOW, THEREFORE, in consideration of the sum of <u>500</u> dollars (\$ <u>100</u> ), 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 there from 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.	
I, as assignor, hereby assign to said assignee all of my right, title and interest in United States Provisional Application No. <u>61/134,457</u> , filed <u>July 9, 2008</u> , and in the invention disclosed thereto in all countries of the world including the right to claim priority or benefit of said Application No. <u>61/134,457</u> pursuant to any law or treaty in the countries of the world.	
And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.	
<u>18 September 2009</u> <small>(Date)</small>	<u>Kimitaka Endo</u> <small>(Signature)</small>
State of California ) SS: County of _____ )	
On <u>18 September 2009</u> , before me, <u>Yasuo Keida</u> Notary Public for the State of California, personally appeared <u>Kimitaka Endo</u> , 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.	
<u>Yasuo Keida</u> <small>(Notary Public)</small>	 <small>(NOTARY SEAL)</small>
<input checked="" type="checkbox"/> Total of <u>4</u> forms are submitted.	

平成21年登録第 197 号  
認 証

囑託人 遠藤仁蒼 は、法定の手続に従って、本公証人の面前で、この証書の記載が真実であることを宣誓した上、これに署名した。

よって、これを認証する。

平成21年 9月 18日、本公証人役場において

横浜地方法務局所属

公 証 人  
Notary

慶 田 康 男  
YASUO KEIDA  
証 明

上記署名は、横浜地方法務局所属公証人の署名に相違ないものであり、かつ、その押印は、真実のものであることを証明する。

平成21年 9月 18日

横浜地方法務局長

紺野清幸

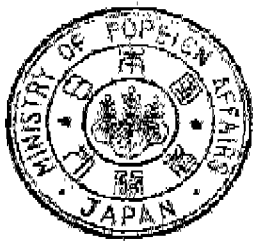



**APOSTILLE**  
(Convention de La Haye du 5 octobre 1961)

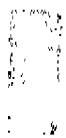
1. Country : JAPAN  
This public document
2. has been signed by **YASUO KEIDA**
3. acting in the capacity of Notary of the Yokohama District  
Legal Affairs Bureau
4. bears the seal/stamp of **YASUO KEIDA** , Notary

Certified

5. at Tokyo
6. **SEP 18 2009**
7. by the Ministry of Foreign Affairs
8. 09-NE 300389
9. Seal/stamp :
10. Signature :



  
**Kazuoyo OYABE**  
 For the Minister for Foreign Affairs



Registered No.197

C e r t i f i c a t e

This is to certify that Kimitaka Endo  
swore before me, in accordance with legal  
procedure, that the statement in the  
attached document is truthful, and he  
signed the document in my presence  
on this 18 day of September 2009.



YASUO KEIDA

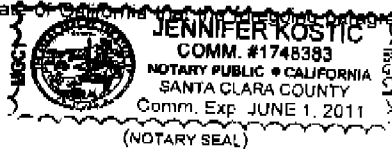
Notary

Yokohama District Legal

Affairs Bureau

1-5-10 Kitasaiwai Nishi-ku

Yokohama-city, Japan

<b>ASSIGNMENT OF UTILITY APPLICATION</b>	<small>(former PTO/SB/15 (8-00) Modified LDLK&amp;M)</small> Docket Number (Optional) <b>TESSERA 3.0-587</b>
Whereas, I, <u>Belgacem Haba</u> of <u>c/o Tessera, Inc., 3025 Orchard Parkway, San Jose, California 95134</u> hereafter referred to as assignor, have with others invented certain new and useful improvements in <b>MICROELECTRONIC INTERCONNECT ELEMENT WITH DECREASED CONDUCTOR SPACING</b> <input checked="" type="checkbox"/> for which an application for a United States Letters Patent was filed on <u>July 8, 2009</u> Application Number <u>12/459,864</u> <input type="checkbox"/> for which an application for a United States Letters Patent was executed by me on _____ and _____	
Whereas, <u>Tessera, Inc.</u> a corporation of <u>Delaware</u> herein referred to as "assignee" whose mailing address is <u>3025 Orchard Parkway, San Jose, California 95134</u> is desirous of acquiring the entire right, title and interest in the same; NOW, THEREFORE, in consideration of the sum of <u>one</u> dollars (\$ <u>1.00</u> ), 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 of the aforesaid utility application pursuant to any law or treaty, and authorized and requested to issue all patents on said improvements or resulting there from 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.	
I, as assignor, hereby assign to said assignee all of my right, title and interest in United States Provisional Application No. <u>61/134,457</u> , filed <u>July 9, 2008</u> , and in the invention disclosed thereto in all countries of the world including the right to claim priority or benefit of said Application No. <u>61/134,457</u> pursuant to any law or treaty in the countries of the world.	
And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known, <u>08/21/09</u> (Date) _____ (Signature) <u>Belgacem Haba</u>	
State of California ) SS: County of <u>Santa Clara</u> ) On <u>August 21, 2009</u> before me, <u>Jennifer Kostic, Notary Public</u> personally appeared <u>Belgacem Haba</u> , 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 I am a duly licensed Notary Public and that each is true and correct. WITNESS my hand and official seal. <u>Jennifer Kostic</u> (Notary Public)	
	
<input checked="" type="checkbox"/> Total of <u>4</u> forms are submitted.	

<b>ASSIGNMENT OF UTILITY APPLICATION</b>	former PTO/SB/15 (8-00) Modified LDLKAM Docket Number (Optional) <b>TESSERA 3.0-587</b>
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Whereas, I, Yoichi Kubota 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 **MICROELECTRONIC INTERCONNECT ELEMENT WITH DECREASED CONDUCTOR SPACING**

for which an application for a United States Letters Patent was filed on July 8, 2009  
Application Number 12/459,864

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 there from 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.

I, as assignor, hereby assign to said assignee all of my right, title and interest in United States Provisional Application No. 61/134,457, filed July 9, 2008, and in the invention disclosed thereto in all countries of the world including the right to claim priority or benefit of said Application No. 61/134,457 pursuant to any law or treaty in the countries of the world.

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

9/1/2009  
(Date)

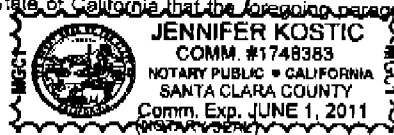
[Signature]  
(Signature)

State of California ) SS:  
County of Santa Clara )

On Sept. 1, 2009 before me, Jennifer Kostic Notary Public personally appeared Yoichi Kubota, 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)



\*Total of 4 forms are submitted.

Assignor's (2)

PATENT