

Form PTO-1595 (Rev. 03-11)  
OMB No. 0651-0027 (exp. 03/31/2012)

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):**  
 Kazuo Sakuma (09/21/2011), Philip Damberg (09/12/2011), and Belgacem Haba (09/07/2011)

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

**2. Name and address of receiving party(ies)**

Name: Invensas Corp.

Internal Address: \_\_\_\_\_

Street Address: \_\_\_\_\_

2702 Orchard Parkway

City: San Jose

State: California

Country: United States of America Zip: 95134

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

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) in parentheses after inventor name \_\_\_\_\_

Assignment  Merger  Change of Name

Security Agreement  Joint Research Agreement

Government Interest Assignment

Executive Order 9424, Confirmatory License

Other \_\_\_\_\_

**4. Application or patent number(s):**

A. Patent Application No.(s)  
13/155,845

Additional numbers attached?  Yes  No

This document is being filed together with a new application.

B. Patent No.(s)

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

Name: Michael T. Hages  
LERNER, DAVID, LITTENBERG,  
KRUMHOLZ & MENTLIK, LLP

Internal Address: Atty. Dkt.: TESSER 3.0-669

Street Address: 600 South Avenue West

City: Westfield

State: NJ Zip: 07090

Phone Number: 908-654-5000

Fax Number: 908-654-7866

Email Address: ataylor@ldlkm.com

**6. Total number of applications and patents involved:** 6

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

Authorized to be charged to deposit account

Enclosed

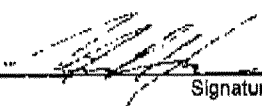
None required (government interest not affecting title)

**8. Payment Information**

Deposit Account Number 12-1095

Authorized User Name Michael T. Hages

**9. Signature:**

  
 \_\_\_\_\_  
 Signature

October 21, 2011  
 \_\_\_\_\_  
 Date

Michael T. Hages - 57,110  
 \_\_\_\_\_  
 Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 6

CH \$40.00 121095 13155845

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

<b>ASSIGNMENT OF UTILITY APPLICATION</b>	Docket Number (Optional) <b>TESRCH 3.0-669</b>
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Whereas, I, Kazuo Sakuma of Yokohama Business Park, Technical Center, 134 Goudo-cho, Hodogaya-Ku, Yokohama, JAPAN

hereafter referred to as assignor, have with others invented certain new and useful improvements in **SUBSTRATE AND ASSEMBLY THEREOF WITH DIELECTRIC REMOVAL FOR INCREASED POST HEIGHT**

for which an application for a United States Letters Patent was filed on June 8, 2011  
Application Number 13/155,845

for which an application for a United States Letters Patent was executed by me on \_\_\_\_\_  
and \_\_\_\_\_

Whereas, Tessera, Inc.  
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.

2011 Sep 21 (Date)                      Kazuo Sakuma (Signature)

State of California ) SS:  
County of \_\_\_\_\_ )

On \_\_\_\_\_, before me, \_\_\_\_\_ personally appeared Kazuo Sakuma, 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.  
Tomiko Kobayashi  
(Notary Public)

(NOTARY SEAL)

\*Total of 3 forms are submitted.

# 認 証

囑託人 佐久間 和男 は  
本職の面前において添付書面に署名した。

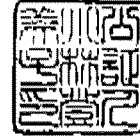
よって、これを認証する。

平成23年 9 月 21 日、本公証人役場において

横浜市中区太田町六丁目8番地  
横浜地方法務局所属

公 証 人  
Notary

## 小林 登美子



### TOMIKO KOBAYASHI

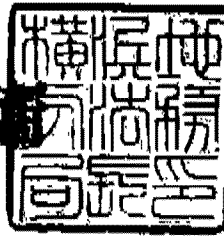
### 証 明

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23年 9 月 21 日

横浜地方法務局長

## 神尾 衛



### APOSTILLE

(Convention de La Haye du 5 octobre 1961)

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

Certified

- 5. at Tokyo
- 6. SEP. 21. 2011
- 7. by the Ministry of Foreign Affairs
- 8. 11- No 302221
- 9. Seal/stamp :
- 10. Signature :

Kazutoyo OYABE

For the Minister for Foreign Affairs



PATENT

REEL: 027112 FRAME: 0521

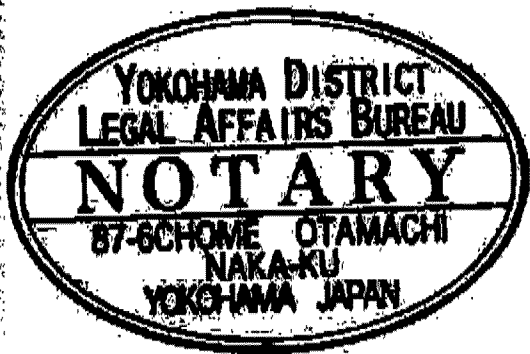


Registered No. 167

# NOTARIAL CERTIFICATE

This is to certify that *Kazuo Sakuma* signed  
the attached document in my presence.

Date *SEP. 21, 2011*



*Tomiko KOBAYASHI*

**TOMIKO KOBAYASHI**

Notary

Yokohama District Legal Affairs Bureau  
87-6 Chome Otamachi Naka-ku  
Yokohama-city Japan

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

<b>ASSIGNMENT OF UTILITY APPLICATION</b>	Docket Number (Optional) <b>TESRCH 3.0-669</b>
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Whereas, I, Philip Damberg 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  
**SUBSTRATE AND ASSEMBLY THEREOF WITH DIELECTRIC REMOVAL FOR INCREASED POST HEIGHT**

- for which an application for a United States Letters Patent was filed on June 8, 2011  
 Application Number 13/155,845
- for which an application for a United States Letters Patent was executed by me on \_\_\_\_\_  
 and \_\_\_\_\_

Whereas, Tessera, Inc.  
 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.

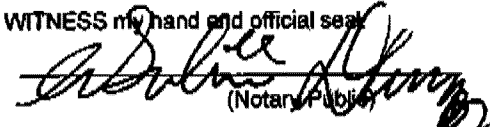
9/12/11  
 (Date)

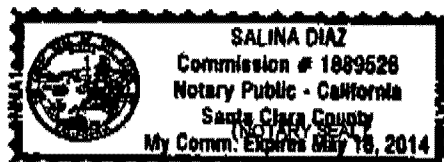
  
 (Signature)

State of California ) SS:  
 County of Santa Clara )

On 9/12/2011 before me, Salina Diaz, Notary Public personally appeared Philip Damberg, 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 3 forms are submitted.

former PTO/SB15 (2-00) Modified LDLKAM

<b>ASSIGNMENT OF UTILITY APPLICATION</b>	Docket Number (Optional) <b>TESRCH 3.0-869</b>
--	---

Whereas, I, Belgacom Haba 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  
**SUBSTRATE AND ASSEMBLY THEREOF WITH DIELECTRIC REMOVAL FOR INCREASED POST HEIGHT**

- for which an application for a United States Letters Patent was filed on June 8, 2011  
 Application Number 13/155,845
- for which an application for a United States Letters Patent was executed by me on \_\_\_\_\_  
 and \_\_\_\_\_

Whereas, Tessera, Inc.  
 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.

7<sup>th</sup> Sept. 2011  
 (Date)

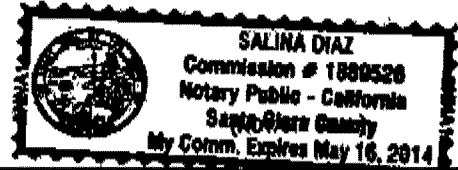
[Signature]  
 Belgacom Haba  
 (Signature)

State of California ) SS:  
 County of Santa Clara )

On 9/7/2011 before me, Salina Diaz, Notary Public personally appeared Belgacom 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 she executed the same in her authorized capacity, and that by 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 3 forms are submitted.

**PATENT**