502722599 03/14/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2769203

SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY D	ΑΤΑ				
		Name Executi	ion Date		
BELGACEM HABA		11/02/20	10		
BRIAN MARCUCCI		11/02/20	10		
RECEIVING PARTY DA					
Name:		RA RESEARCH LLC			
Street Address:	3025 O	3025 ORCHARD PARKWAY			
City:	SAN JC	SAN JOSE			
State/Country:	CALIFC	CALIFORNIA			
Postal Code:	95134	95134			
PROPERTY NUMBERS Property Type		Number			
	S Totali 1				
		Number 14052037			
Property Type					
Property Type Application Number: CORRESPONDENCE	DATA				
Property Type Application Number: CORRESPONDENCE I Fax Number:	DATA	14052037	e sent via		
Property Type Application Number: CORRESPONDENCE I Fax Number: <i>Correspondence will to</i> <i>US Mail.</i>	DATA be sent to	(908)654-7866	e sent via		
Property Type Application Number: CORRESPONDENCE I Fax Number: <i>Correspondence will b</i>	DATA be sent to	(908)654-7866 <i>the e-mail address first; if that is unsuccessful, it will be</i>	e sent via		
Property Type Application Number: CORRESPONDENCE I Fax Number: <i>Correspondence will b</i> <i>US Mail.</i> Phone: Email: Correspondent Name:	DATA be sent to	(908)654-7866 <i>the e-mail address first; if that is unsuccessful, it will be</i> (908) 518-6386	e sent via		
Property Type Application Number: CORRESPONDENCE I Fax Number: <i>Correspondence will t</i> <i>US Mail.</i> Phone: Email: Correspondent Name: Address Line 1:	DATA be sent to	(908)654-7866 <i>the e-mail address first; if that is unsuccessful, it will be</i> (908) 518-6386 Assignment@ldlkm.com _DLK&M 500 SOUTH AVENUE WEST	e sent via		
Property Type Application Number: CORRESPONDENCE I Fax Number: <i>Correspondence will to</i> <i>US Mail.</i> Phone: Email:	DATA be sent to	(908)654-7866 <i>the e-mail address first; if that is unsuccessful, it will be</i> (908) 518-6386 Assignment@ldlkm.com _DLK&M	e sent via		
Property Type Application Number: CORRESPONDENCE I Fax Number: <i>Correspondence will b</i> <i>US Mail.</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 4:	DATA be sent to	(908)654-7866 <i>the e-mail address first; if that is unsuccessful, it will be</i> (908) 518-6386 Assignment@ldlkm.com _DLK&M 500 SOUTH AVENUE WEST	e sent via		
Property Type Application Number: CORRESPONDENCE I Fax Number: <i>Correspondence will t</i> <i>US Mail.</i> Phone: Email: Correspondent Name: Address Line 1:	DATA be sent to	(908)654-7866 the e-mail address first; if that is unsuccessful, it will be (908) 518-6386 Assignment@Idlkm.com _DLK&M 500 SOUTH AVENUE WEST WESTFIELD, NEW JERSEY 07090	e sent via		
Property Type Application Number: CORRESPONDENCE I Fax Number: <i>Correspondence will b</i> <i>US Mail.</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 4:	DATA be sent to	(908)654-7866 the e-mail address first; if that is unsuccessful, it will be (908) 518-6386 Assignment@ldlkm.com _DLK&M 600 SOUTH AVENUE WEST WESTFIELD, NEW JERSEY 07090 TESSERA 3.0-606 DIV	e sent via		

source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif

	former PTO/SB/15 (8-00) Modified LDLK&N	
ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional)	
Additional and a second	TESSERA 3.0-606	
Whereas, I,Belgacem Haba	of	
c/o Tessera, Inc.; 3025 Orchard Parkway; San Jose, Ca	lifornia 95134	
hereafter referred to as assignor, have with others invented certa	ain new and useful improvements in	
TSOP WITH IMPEDANCE CONTROL		
for which an application for a United States Letters Pate	ent was filed on Concurrently Herewith	
Application Number		
x for which an application for a United States Letters Pater	t was executed by me on $11-2-10$	
and		
Whereas, Tessera Research LLC		
a corporation of <u>Delaware</u> herein referred to as "assignee" whos	se mailing address is	
3025 Orchard Parkway; San Jose, California 95134 is desirous of acquiring the entire right, title and interest in the sa	ams'	
is desired of acquiring the entire right, the and interest in the se		
	dollar (\$ 1.00), the receipt whereof	
is acknowledged, and other good and valuable consideration, I		
assignee my entire right, title and interest for the United State invention and the aforesaid utility patent application and all		
substitute or reissue applications and patents applied for or gra		
other countries, for said invention, including without limitation a		
priority or benefit of the aforesaid utility application pursuant to a		
priority or benefit and the Commissioner of Patents and Trader patents on said improvements or resulting therefrom to said		
therein; and the undersigned for me and my legal representativ		
without further remuneration, to execute and deliver all original,	divisional, continuation, reissue and other applications	
for Letters Patent on said improvements and all assignments th		
to said assignee or its representatives all facts known to the u requested, to testify in any interferences or other legal proceed		
become involved, to sign all lawful papers, make all rightful or		
assignee, its successors, assigns and nominees to obtain pater	nt protection for said improvements in all countries, the	
expenses incident to said applications to be borne and paid by s	aid assignee.	
And I do hereby authorize my attorneys to insert on this deed the	e filing date and application number of said application	
when known.	1. Color	
11-02-2010	and the second s	
the second s		
(Date)	Bel yn Msignature)	
State of Star Contigentia SS:	-	
County of	a See attachment -	
On this day of horas	me personally came the above-named Belgacem	
On this day of before. Haba, to me personally known as the individual who executed		
that the same was executed by him/her of his/her own free will for	or the purposes therein set forth.	
(A) data (D, 1) 22		
(Notary Public)		
x *Total of 2 forms are submitted.		
12.5285		

CALIFORNIA	ALL-PURPOSE	ACKNOWL	EDGMENT
------------	-------------	---------	---------

State of California County of Santa Clara	
-	
On NOV 2, 2010 before me, Sa	Linsa Diaz Notary Public Here Insert Name and Tille of the Officer
personally appeared <u>Belgacern</u>	Haba
	പണക്ഷ് പോർവബ്ഡ)
SALINA DIAZ Commission # 1889526 Notary Public - California	who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) (is/are- subscribed to the within instrument and acknowledged to me that he'she/they executed the same in hisher/their authorized capacity(ies), and that by her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.
Santa Clara County My Comm. Expires May 16, 2014	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.
	I ree de
Place Notary Seisi Above	Signature:
Though the information helpwise not required by	IONAL Image: Signer's Name: Iaw, it may prove valuable to persons relying on the document and realtachment of this form to another document. OP UHI: Ly Applic. How - Tesser. 3.0-1 Number of Pages:
and could prevent fraudulent removal	and reattachment of this form to another document.
Description of Attached Document	AP 1. Hard . Appli- Level - Tesser 2 au
Title or Type of Document: <u>H 55165Mama</u>	OI UTILITY APPLICATION - 123242 3.0-1
Document Date: 11 / 21 LOID	Number of Pages:
Signer(s) Other Than Named Above:	
Capacity(les) Claimed by Signer(s)	
Signer's Name: Belgacem Haba	
Corporate Officer — Title(s): K Individual	
Partner — Limited General Top of thumb :	OF SIGNER
L) Attorney in Fact	E Partner — E Limited E General Top of thumb here
	Trustee
Guardian or Conservator	Guardian or Conservator
□ Other:	Other:
Signer Is Representing:	Signer Is Representing:

9 National Netary Association * NationalNetary.org * 1-800-US NOTARY (1-800-876-6827)

PATENT REEL: 032441 FRAME: 0556

	former PTO/SB/15 (8-00) Modified LDLK&M	
ASSIGNMENT OF UTILITY APPLICATION	Docket Number (Optional)	
Additiment of others Attendation	TESSERA 3.0-606	
Whereas, I, Brian Marcucci	of	
c/o Tessera Research LLC; 3025 Orchard Parkway; Sa	n Jose, California 95134	
hereafter referred to as assignor, have with others invented cert		
TSOP WITH IMPEDANCE CONTROL	·	
for which an application for a United States Letters Pat	ent was filed on Concurrently Herewith	
Application Number		
x for which an application for a United States Letters Pater	In the way executed by the on $11-2-10$,	
and	11-2-10 ,	
Whereas, Tessera Research LLC		
a corporation of <u>Delaware</u> herein referred to as "assignee" who	se mailing address is	
3025 Orchard Parkway; San Jose, California 95134		
is desirous of acquiring the entire right, title and interest in the si		
	dollar (\$ <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 Stat invention and the aforesaid utility patent application and all	original divisional continuation continuation-in-nart	
substitute or reissue applications and patents applied for or gradient	anted therefor in the United States of America and all	
other countries, for said invention, including without limitation a	Il 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 Tradel patents on said improvements or resulting therefrom to said	assignee berein as assignee of the entire interest	
therein; and the undersigned for me and my legal representative	es, 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 the to said assignee or its representatives all facts known to the t	pereof to said assignee or its assigns, to communicate	
requested, to testify in any interferences or other legal proceed	lings in which any of said applications or patents may	
become involved, to sign all lawful papers, make all rightful or	aths, and to do generally everything necessary to aid	
assignee, its successors, assigns and nominees to obtain pater		
expenses incident to said applications to be borne and paid by s	ald assignee.	
And I do hereby authorize my attorneys to insert on this deed th	e filing date and application number of said application	
when known,	= //,	
2 November 2010	Frank Al	
(Date)	/ (Signature)	
State of SS:	and the state	
County of	See Attachment	
On thisday of befo	re me personally came the above-named Brian	
Marcucci, to me personally known as the individual who exer	cuted the foregoing instrument, who acknowledged to	
me that the same was executed by him/her of history own free w	vill for the purposes therein set forth-	
(Notary Public)		
x *Total of 2 forms are submitted.		
na 1997 – 1997 –		

PATENT REEL: 032441 FRAME: 0557

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

County of Santa clara	}
On NOV 2, COTO before me, Or	AliNa Diaz. Notary Public. Here Insert Name and Title of the Officer arcucci. Name of of Signer (st
personally appeared Brian M	arcucci
	Nameyo of Signersy
SALINA DIAZ Commission # 1889526 Notary Public - California Santa Clara County	who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) (s) are subscribed to the within instrument and acknowledged to me that (he) she/they executed the same in (his/her/their authorized capacity(ies), and that by (his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.
My Comm. Expires May 16, 2014	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.
Place Notary Seal Above	
Though the information below is not required by	law, it may prove valuable to persons relying on the document and land reattachment of this form to another document.
· · · · · · · ·	
Title or Type of Document: A 55ignment	- of utility Application - Tessera
Document Date: 1122010	Number of Pages:
Signer(s) Other Than Named Above:	
Capacity(ies) Claimed by Signer(s)	
Signer's Name: Brian Marcucc	Signer's Name:
Corporate Officer - Title(s):	
Individual RIGHT THUMBI	PRINT Individual FIGHT THUMBPRINT
Partner — I Limited General Top of thumb	
Attorney in Fact	□ Attorney in Fact
Trustee	Trustee
Guardian or Conservator	Cuardian or Conservator
Other:	D Other:
Signer Is Representing:	Signer Is Representing:

PATENT REEL: 032441 FRAME: 0558

RECORDED: 03/14/2014