Form PTO-1595 (Rev. 07/05)
OMB No. 0651-0027 (exp. 6/30/2008)

To the Director of the U.S. Paten



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

EET

7,79 (0.50	19		11	40
--------	------	----	--	----	----

103351315 **PATENTS ONLY**

\	To the Director of the U.S. Patent and Trademark Office: Please	se record the attached documents or the new add less (es) below:		
	1. Name of conveying party(ies)	2. Name and address of receiving party(ies)		
	Russell E. Berger, II Charles M. Chiles	Name: pArtScience, LLC		
	Richard Schrag	Internal Address:		
	Additional name(s) of conveying party(ies) attached? Yes 🗸 No			
	3. Nature of conveyance/Execution Date(s):	Street Address: 4006 Belt Line Rd., Suite 160		
	Execution Date(s) All: Sept. 22, 2006			
	Assignment Merger			
	Security Agreement Change of Name	City: Addison		
	Joint Research Agreement	State: TX		
	Government Interest Assignment	Country 194		
	Executive Order 9424, Confirmatory License	Country: USA Zip: 75001		
	Other	Additional name(s) & address(es) attached? ☐ Yes ✓ No		
	4. Application or patent number(s):	document is being filed together with a new application.		
	A. Patent Application No.(s) 11/526,343 Docket Number RBDG05-0001	B. Patent No.(s)		
	DBYRNE 00000252 11526343 Additional numbers a 5. Name and address to whom correspondence	ttached? Yes No		
	5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1		
	Name:Robert H. Frantz	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00		
	Internal Address:	Authorized to be charged by credit card Authorized to be charged to deposit account		
	Internal Address:			
		Enclosed		
	Street Address: P.O. Box 23324	None required (government interest not affecting title)		
	City: Oklahoma City	8. Payment Information		
	State: OK Zip:73123	a. Credit Card Last 4 Numbers Expiration Date		
	Phone Number: 405-812-5613	b. Deposit Account Number		
	Fax Number: 405-440-2465	Authorized User Name		
	Email Address: rfrantz@franklingray.com			
	9. Signature: Robert from Signature	<u>Dec. 15, 2006</u> Date		
	Signature	Total number of pages including cover 4		
	Robert H. Frantz, Reg. No. 42,553	sheet, attachments, and documents:		
	Name of Person Signing	144 (574) 273 0440 or mailed to:		

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

> **PATENT REEL: 018709 FRAME: 0801**

Express Mail Label:		Sample Form (former PTO/SB/15) (08-0
ASSIGNMENT OF APPLICAT	TION	cket Number (Optional) RBDG05 - 0001
Whereas, I/We, Russell E. Berger, II	of Carrollton, TX	, hereafter
referred to as applicant, have invented certain new and Three-Dimensional Tessellated Acc		
X for which an application for a United States Pate	ent was filed on	
Application Number	·	
for which an application for a United States Pate	ent was executed on	, and
Whereas, pArtScience, LLC of	Addison, TX	here referred
to "assignee" whose mailing address is		
Now, therefore, in consideration of the sum of _acknowledge, and other good and valuable considera and transfer unto said assignee the full and exclusive rights, title and interest in and to any and all Patents hereby authorize and request the Director of the U.S Patent to said assignee, of the entire right, title, and i for the use and behoof of his legal representatives, granted, as fully and entirely as the same would have made.	tion, I/We, the applicant(s), to right to the said invention in which may be granted there. Patent and Trademark Offenterest in and to the same, if to the full end of the term we been held by me had this	by these presents do sell, assign the United States and the enti- efore in the United States. I/Vice to issue said United State for his sole use and behoof; and for which said Patent may be assignment and sale not be
Executed this 22 nd day of at Addison, Texas		
		. 20 000

and acknowledged the foregoing instrument to be his free act and deed this _

Before me personally appeared said Russell E. Berger

FEBRUARY 22, 2010

Seal

Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, See below*.

forms are submitted. Total of

This form offers a sample or suggested format for an assignment document. This sample form is not an OMB officially approved form.

Express Mail Label:		Sample Form (fo	ormer PTO/SB/15) (08-03)
ASSIGNMENT OF APPLICAT	ION	Docket Number (Optional) 5-0001
Whereas, I/We, _ Charles M. Chiles	of Carrollton,	TX	, hereafter
referred to as applicant, have invented certain new ar Three-Dimensional Tessellated Acc			
X for which an application for a United States Pate	nt was filed on		
Application Number			
for which an application for a United States Pate	ent was executed on		, and
Whereas, pArtScience, LLC of	Addison,	ΤX	here referred
to "assignee" whose mailing address is			
desirous of acquiring the entire right, title and interest			
rights, title and interest in and to any and all Patents hereby authorize and request the Director of the U.S Patent to said assignee, of the entire right, title, and if for the use and behoof of his legal representatives, granted, as fully and entirely as the same would have made. Executed this	Patent and Trademar nterest in and to the sal to the full end of the re been held by me had September	k Office to issue and for his sole us term for which say this assignment and this assignment are considered.	said United States e and behoof; and aid Patent may be
	hards	M. Clives	
State of <u>Texas</u> County of <u>Sallas</u> SS:		tegistration No., if	applicable
Before me personally appeared said Charles	M. Chiles		
and acknowledged the foregoing instrument to be his	free act and deed this _	ggnd	
day of <u>September</u> , 20 06			
COLLEEN K. OATES BETARY PROLE STATE OF TEXAS COMMISSION EXPIRES: Note: Signatures of Alle in HEIDER LARTY SPARED COT cord of the emore than one signature is required; See below:	entire interest or their represer	ntative(s) are required.	Submit multiple forms if

Total of ______forms are submitted.

This form offers a sample or suggested format for an assignment document. This sample form is not an OMB officially approved form.

Express Mail Label:		Sample Form (former PTO/SB/15) (08-03)		
ACCIONISTATION	ADDI ICATION	Docket Number (Optional)		
ASSIGNMENT OF A	APPLICATION	RBDG05-0001		
Whereas, I/We, Richard Schrag	of Dallas, TX	, hereafter		
referred to as applicant, have invented co				
Three-Dimensional Tessell	area Acoustic Componen			
X for which an application for a United	d States Patent was filed on			
Application Number	·			
for which an application for a United	d States Patent was executed on	, and		
Whereas, pArtScience, LLC	ofAddison,	TX here referred		
to "assignee" whose mailing address is _				
desirous of acquiring the entire right, title				
, ,				
acknowledge, and other good and valuable consideration, I/We, the applicant(s), by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire rights, title and interest in and to any and all Patents which may be granted therefore in the United States. I/We hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made. Executed this				
Executed this	_day or	, 20		
State of Texas County of Dalas SS: Before me personally appeared said	Printed Name/F 2ichard Schra	Signature Ard School Registration No., if applicable		
and acknowledged the foregoing instrument to be his free act and deed this 22 man				
day of September, 20 06	COLLEEN H	(. OATES IATE OF TEXAS EXPIRES:		
Seal	of record of the entire interest or their represe	ntative(s) are required. Submit multiple forms if		
Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, See below*.				

Total of ______ forms are submitted.

This form offers a sample or suggested format for an assignment document. This sample form is not an OMB officially approved form.

PATENT REEL: 018709 FRAME: 0804