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Application Number: 29575380

Document Date: 08/24/2016

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- Drawing

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Application Data Sheet 37 CFR 1.76		Attorney Docket Number	64844-258270
		Application Number	
Title of Invention	WOOD-GRAINED POLYMER SUBSTRATE		
The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76. This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.			

Secrecy Order 37 CFR 5.2:

☐ Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.)

Inventor Information:

Inventor	1				Remove
Legal Name					
Prefix	Given Name	Middle Name	Family Name	Suffix	
	Andrew		Stephens		
Residence Information (Select One) ☒ US Residency ☐ Non US Residency ☐ Active US Military Service					
City	Aurora	State/Province	IL	Country of Residence	US
Mailing Address of Inventor:					
Address 1	1001 Sullivan Road				
Address 2					
City	Aurora	State/Province	IL		
Postal Code	60506	Country	US		
Inventor	2				Remove
Legal Name					
Prefix	Given Name	Middle Name	Family Name	Suffix	
	Francisco		Morales		
Residence Information (Select One) ☒ US Residency ☐ Non US Residency ☐ Active US Military Service					
City	Plano	State/Province	IL	Country of Residence	US
Mailing Address of Inventor:					
Address 1	1001 Sullivan Road				
Address 2					
City	Aurora	State/Province	IL		
Postal Code	60506	Country	US		
Inventor	3				Remove
Legal Name					
Prefix	Given Name	Middle Name	Family Name	Suffix	
	Tadeusz		Rybka		
Residence Information (Select One) ☒ US Residency ☐ Non US Residency ☐ Active US Military Service					

RPI040

Application Data Sheet 37 CFR 1.76		Attorney Docket Number		64844-258270	
		Application Number			
Title of Invention	WOOD-GRAINED POLYMER SUBSTRATE				
City	Streamwood	State/Province	IL	Country of Residence	US
Mailing Address of Inventor:					
Address 1		1001 Sullivan Road			
Address 2					
City	Aurora	State/Province	IL		
Postal Code	60506	Country	US		
All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the Add button.					Add

Correspondence Information:

Enter either Customer Number or complete the Correspondence Information section below. For further information see 37 CFR 1.33(a).			
☐ An Address is being provided for the correspondence information of this application.			
Customer Number	23644		
Email Address	patent-ch@btlaw.com	Add Email	Remove Email

Application Information:

Title of the Invention	WOOD-GRAINED POLYMER SUBSTRATE		
Attorney Docket Number	64844-258270	Small Entity Status Claimed	☒
Application Type	Nonprovisional		
Subject Matter	Design		
Total Number of Drawing Sheets (if any)	1	Suggested Figure for Publication (if any)	

Filing By Reference:

Only complete this section when filing an application by reference under 35 U.S.C. 111(c) and 37 CFR 1.57(a). Do not complete this section if application papers (including a specification and any drawings) are being filed. Any domestic benefit or foreign priority information must be provided in the appropriate section(s) below (i.e., "Domestic Benefit/National Stage Information" and "Foreign Priority Information").

For the purposes of a filing date under 37 CFR 1.53(b), the description and any drawings of the present application are replaced by this reference to the previously filed application, subject to conditions and requirements of 37 CFR 1.57(a).

Application number of the previously filed application	Filing date (YYYY-MM-DD)	Intellectual Property Authority or Country

Publication Information:

☐ Request Early Publication (Fee required at time of Request 37 CFR 1.219)

☐ **Request Not to Publish.** I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application **has not and will not** be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.

RPI1040

Application Data Sheet 37 CFR 1.78		Attorney Docket Number	64844-258270
		Application Number	
Title of Invention	WOOD-GRAINED POLYMER SUBSTRATE		

Representative Information:

Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32). Either enter Customer Number or complete the Representative Name section below. If both sections are completed the customer Number will be used for the Representative Information during processing.

Please Select One:	☒ Customer Number	☐ US Patent Practitioner	☐ Limited Recognition (37 CFR 1.19)
Customer Number:	23844		

Domestic Benefit/National Stage Information:

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, 365(c), or 386(c) or indicate National Stage entry from a PCT application. Providing benefit claim information in the Application Data Sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78.

When referring to the current application, please leave the "Application Number" field blank.

Prior Application Status		Remove	
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)

Additional Domestic Benefit/National Stage Data may be generated within this form by selecting the Add button.

Add

Foreign Priority Information:

This section allows for the applicant to claim priority to a foreign application. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55. When priority is claimed to a foreign application (that is eligible for retrieval under the priority document exchange program (PDX)) the information will be used by the Office to automatically attempt retrieval pursuant to 37 CFR 1.55(i)(1) and (2). Under the PDX program, applicant bears the ultimate responsibility for ensuring that a copy of the foreign application is received by the Office from the participating foreign intellectual property office, or a certified copy of the foreign priority application is filed, within the time period specified in 37 CFR 1.55(g)(1).

Application Number	Country ¹	Filing Date (YYYY-MM-DD)	Access Code ² (if applicable)

Additional Foreign Priority Data may be generated within this form by selecting the Add button.

Add

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	64844-258270
		Application Number	
Title of Invention	WOOD-GRAINED POLYMER SUBSTRATE		

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications

This application (1) claims priority to or the benefit of an application filed before March 16, 2013 and (2) also contains, or contained at any time, a claim to a claimed invention that has an effective filing date on or after March 16, 2013. ☐ NOTE: By providing this statement under 37 CFR 1.55 or 1.78, this application, with a filing date on or after March 16, 2013, will be examined under the first inventor to file provisions of the AIA.	
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Application Data Sheet 37 CFR 1.76	Attorney Docket Number	64844-258270
	Application Number	
Title of Invention WOOD-GRAINED POLYMER SUBSTRATE		

Authorization or Opt-Out of Authorization to Permit Access:

When this Application Data Sheet is properly signed and filed with the application, applicant has provided written authority to permit a participating foreign intellectual property (IP) office access to the instant application-as-filed (see paragraph A in subsection 1 below) and the European Patent Office (EPO) access to any search results from the instant application (see paragraph B in subsection 1 below).

Should applicant choose not to provide an authorization identified in subsection 1 below, applicant **must opt-out** of the authorization by checking the corresponding box A or B or both in subsection 2 below.

NOTE: This section of the Application Data Sheet is **ONLY** reviewed and processed with the **INITIAL** filing of an application. After the initial filing of an application, an Application Data Sheet cannot be used to provide or rescind authorization for access by a foreign IP office(s). Instead, Form PTO/SB/39 or PTO/SB/69 must be used as appropriate.

1. Authorization to Permit Access by a Foreign Intellectual Property Office(s)

A. Priority Document Exchange (PDX) - Unless box A in subsection 2 (opt-out of authorization) is checked, the undersigned hereby **grants the USPTO authority** to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the State Intellectual Property Office of the People's Republic of China (SIPO), the World Intellectual Property Organization (WIPO), and any other foreign intellectual property office participating with the USPTO in a bilateral or multilateral priority document exchange agreement in which a foreign application claiming priority to the instant patent application is filed, access to: (1) the instant patent application-as-filed and its related bibliographic data, (2) any foreign or domestic application to which priority or benefit is claimed by the instant application and its related bibliographic data, and (3) the date of filing of this Authorization. See 37 CFR 1.14(h)(1).

B. Search Results from U.S. Application to EPO - Unless box B in subsection 2 (opt-out of authorization) is checked, the undersigned hereby **grants the USPTO authority** to provide the EPO access to the bibliographic data and search results from the instant patent application when a European patent application claiming priority to the instant patent application is filed. See 37 CFR 1.14(h)(2).

The applicant is reminded that the EPO's Rule 141(1) EPC (European Patent Convention) requires applicants to submit a copy of search results from the instant application without delay in a European patent application that claims priority to the instant application.

2. Opt-Out of Authorizations to Permit Access by a Foreign Intellectual Property Office(s)

☐ A. Applicant **DOES NOT** authorize the USPTO to permit a participating foreign IP office access to the instant application-as-filed. If this box is checked, the USPTO will not be providing a participating foreign IP office with any documents and information identified in subsection 1A above.

☐ B. Applicant **DOES NOT** authorize the USPTO to transmit to the EPO any search results from the instant patent application. If this box is checked, the USPTO will not be providing the EPO with search results from the instant application.

NOTE: Once the application has published or is otherwise publicly available, the USPTO may provide access to the application in accordance with 37 CFR 1.14.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	64844-258270
	Application Number	
Title of Invention	WOOD-GRAINED POLYMER SUBSTRATE	

Applicant Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

Applicant	1	Remove
If the applicant is the inventor (or the remaining joint inventor or inventors under 37 CFR 1.45), this section should not be completed. The information to be provided in this section is the name and address of the legal representative who is the applicant under 37 CFR 1.43, or the name and address of the assignee, person to whom the inventor is under an obligation to assign the invention, or person who otherwise shows sufficient proprietary interest in the matter who is the applicant under 37 CFR 1.46. If the applicant is an applicant under 37 CFR 1.46 (assignee, person to whom the inventor is obligated to assign, or person who otherwise shows sufficient proprietary interest) together with one or more joint inventors, then the joint inventor or inventors who are also the applicant should be identified in this section. Clear		
Assignee	Legal Representative under 35 U.S.C. 117	Joint Inventor
☒ Person to whom the inventor is obligated to assign.		☐ Person who shows sufficient proprietary interest
If applicant is the legal representative, indicate the authority to file the patent application, the inventor is:		
Name of the Deceased or Legally Incapacitated Inventor:		
If the Applicant is an Organization check here: ☒		
Organization Name	TANGENT TECHNOLOGIES LLC	
Mailing Address Information For Applicant:		
Address 1	1001 Sullivan Road	
Address 2		
City	Aurora	State/Province IL
Country	US	Postal Code 60506
Phone Number		Fax Number
Email Address		
Additional Applicant Data may be generated within this form by selecting the Add button. Add		

Assignee Information including Non-Applicant Assignee Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	64844-258270
		Application Number	
Title of Invention	WOOD-GRAINED POLYMER SUBSTRATE		

Assignee	1			
Complete this section if assignee information, including non-applicant assignee information, is desired to be included on the patent application publication. An assignee-applicant identified in the "Applicant Information" section will appear on the patent application publication as an applicant. For an assignee-applicant, complete this section only if identification as an assignee is also desired on the patent application publication.				
				Remove
If the Assignee or Non-Applicant Assignee is an Organization check here.				☐
Prefix	Given Name	Middle Name	Family Name	Suffix
Mailing Address Information For Assignee including Non-Applicant Assignee:				
Address 1				
Address 2				
City		State/Province		
Country		Postal Code		
Phone Number		Fax Number		
Email Address				
Additional Assignee or Non-Applicant Assignee Data may be generated within this form by selecting the Add button.				Add

Signature:

[Remove](#)

NOTE: This Application Data Sheet must be signed in accordance with 37 CFR 1.33(b). However, if this Application Data Sheet is submitted with the **INITIAL** filing of the application and either box A or B is not checked in subsection 2 of the "Authorization or Opt-Out of Authorization to Permit Access" section, then this form must also be signed in accordance with 37 CFR 1.14(c).

This Application Data Sheet must be signed by a patent practitioner if one or more of the applicants is a juristic entity (e.g., corporation or association). If the applicant is two or more joint inventors, this form must be signed by a patent practitioner, all joint inventors who are the applicant, or one or more joint inventor-applicants who have been given power of attorney (e.g., see USPTO Form PTO/AIA/81) on behalf of all joint inventor-applicants.

See 37 CFR 1.4(d) for the manner of making signatures and certifications.

Signature	/Kyle A. Forgue		Date (YYYY-MM-DD)	2016-08-24
First Name	Kyle A.	Last Name	Forgue	Registration Number
				71457
Additional Signature may be generated within this form by selecting the Add button.				Add

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Page 8

Application Data Sheet 37 CFR 1.76		Attorney Docket Number	64844-258270
		Application Number	
Title of Invention	WOOD-GRAINED POLYMER SUBSTRATE		

This collection of information is required by 37 CFR 1.76. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14 as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

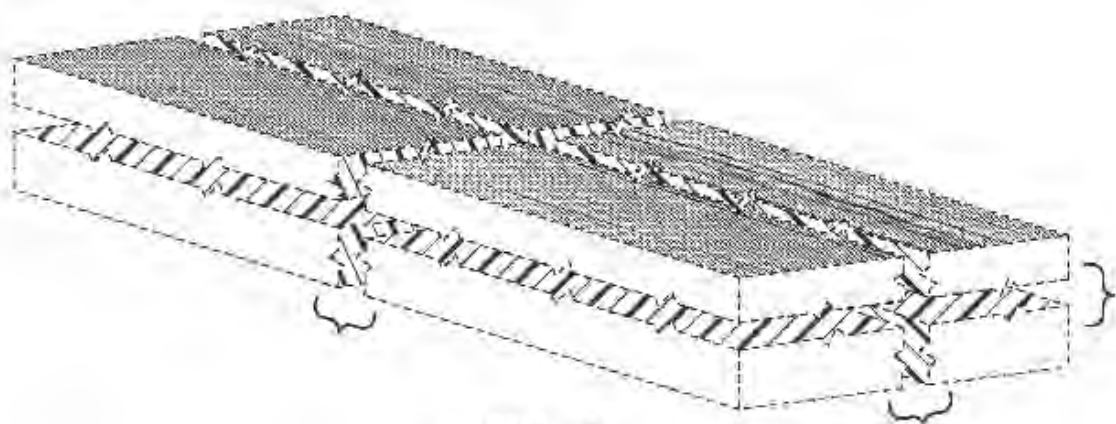


FIG. 1

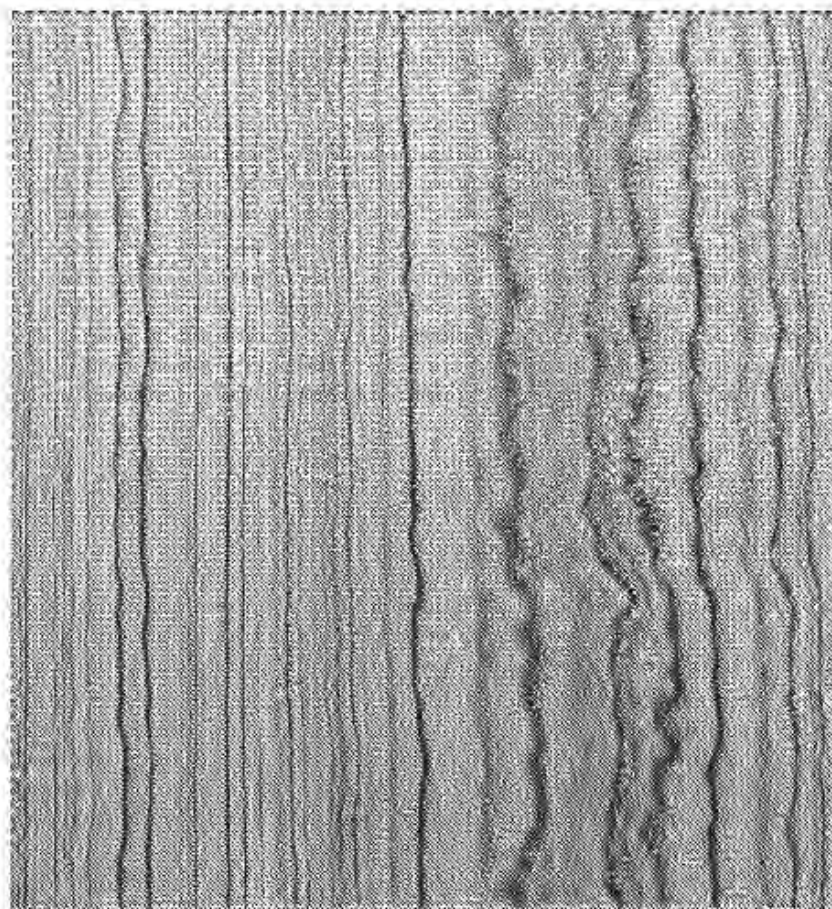


FIG. 2

WOOD-GRAINED POLYMER SUBSTRATE

[0001] Be it known that we, ANDREW STEPHENS, FRANCISCO MORALES, and TADEUSZ RYBKA, United States citizens residing in the State of Illinois, have invented a new, original, and ornamental design for a WOOD-GRAINED POLYMER SUBSTRATE or similar article, of which the following is the specification, reference being made to the drawings forming a part hereof.

BRIEF DESCRIPTION OF THE DRAWINGS

[0002] Fig. 1 is a perspective view of a wood-grained polymer substrate in accordance with our new design showing that the substrate has an indeterminate length, width, and height with a surface of the substrate exposed to show a wood-grained pattern which extends throughout; and

[0003] Fig. 2 is an end view of the exposed surface of the polymer substrate of Fig. 1.

[0004] The broken lines depict environmental structure for illustrative purposes only and form no part of the claimed design.

CLAIM

We claim the ornamental design for a wood-grained polymer substrate as shown and described.

Electronic Patent Application Fee Transmittal

Application Number:

Filing Date:

Title of Invention:

WOOD-GRAINED POLYMER SUBSTRATE

First Named Inventor/Applicant Name:

Andrew Stephens

Filer:

Kyle A. Forgue/Mary Aburto

Attorney Docket Number:

64844 258270

Filed as Small Entity

Filing Fees for Design

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
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Basic Filing:

Design application filing	2012	1	90	90
Design Search Fee	2112	1	60	60
Design Examination Fee	2312	1	230	230

Pages:

Claims:

Miscellaneous-Filing:

Late Filing Fee for Oath or Declaration	2051	1	70	70
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Petition:

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Page 14
14 of 47

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				450

Electronic Acknowledgement Receipt

EFS ID:	26738555
Application Number:	29575380
International Application Number:	
Confirmation Number:	1255
Title of Invention:	WOOD-GRAINED POLYMER SUBSTRATE
First Named Inventor/Applicant Name:	Andrew Stephens
Customer Number:	23644
Filer:	Kyle A. Forgue/Mary Aburto
Filer Authorized By:	Kyle A. Forgue
Attorney Docket Number:	64844-258270
Receipt Date:	24 AUG 2016
Filing Date:	
Time Stamp:	17:20:42
Application Type:	Design

Payment information:

Submitted with Payment	yes
Payment Type	DA
Payment was successfully received in RAM	\$450
RAM confirmation Number	082516INTEFSW00004121120913
Deposit Account	120913
Authorized User	Mary Aburto

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

37 CFR 1.16 (National application filing, search, and examination fees)

RPI1040

Page 16

6 of 47

File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Application Data Sheet	258270_aiaADS.pdf	1823008	no	9
			3160974024F8B3D1F1D6497320B8A265334e10c1b		
Warnings:					
Information:					
2	Drawings-other than black and white line drawings	258270_Drawings.pdf	1128818	no	1
			8379642c00186971322194e0507e9440023d02cc		
Warnings:					
Information:					
3	Specification	258270_Specification.pdf	7722	no	2
			c32321159f82155c40d12e913531155d0068e0		
Warnings:					
Information:					
4	Fee Worksheet (SB06)	fee-info.pdf	36998	no	2
			905b230030513e246731711e5126c25a70f34324		
Warnings:					
Information:					
Total Files Size (in bytes):			2996546		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

Electronic Acknowledgement Receipt

EFS ID:	26738555
Application Number:	29575380
International Application Number:	
Confirmation Number:	1255
Title of Invention:	WOOD-GRAINED POLYMER SUBSTRATE
First Named Inventor/Applicant Name:	Andrew Stephens
Customer Number:	23644
Filer:	Kyle A. Forgue/Mary Aburto
Filer Authorized By:	Kyle A. Forgue
Attorney Docket Number:	64844-258270
Receipt Date:	24-AUG-2016
Filing Date:	
Time Stamp:	17:20:42
Application Type:	Design

Payment information:

Submitted with Payment	yes
Payment Type	DA
Payment was successfully received in RAM	\$450
RAM confirmation Number	082516INTEFSW00004121120913
Deposit Account	120913
Authorized User	Mary Aburto

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

37 CFR 1.16 (National application filing, search, and examination fees)

RPI1040

Page 19
19 of 47

File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Application Data Sheet	258270_aiaADS.pdf	1823008	no	9
			554C82w7Dw4h4v90z0P4v0M72B5202K4230006		
Warnings:					
Information:					
2	Drawings other than black and white line drawings	258270_Drawings.pdf	1128818	no	1
			530d94cc483b57512215048541256b09204020c		
Warnings:					
Information:					
3	Specification	258270 Specification.pdf	7722	no	2
			23233119962165c32312e91360355a9548a5c		
Warnings:					
Information:					
4	Fee Worksheet (SB06)	fee-info.pdf	36998	no	2
			905c25038955c276437116c2d5c5a7bf44024		
Warnings:					
Information:					
Total Files Size (in bytes):			2996546		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMPTON CENTER FOR PATENTS
P.O. Box 1200
Alexandria, Virginia 22304-4150
www.uspto.gov

APPLICATION NUMBER	FILING OR SITUATION DATE	PERSON NAMED APPLICANT	ATTY DOCKET NO./TITLE
29/575,380	08/24/2016	Andrew Stephens	64844-258270

CONFIRMATION NO. 1255

23644

Barnes & Thornburg LLP (CH)
P.O. Box 2786
Chicago, IL 60690-2786

INFORMAL NOTICE



Date Mailed: 08/31/2016

INFORMATIONAL NOTICE TO APPLICANT

Applicant is notified that the above-identified application contains the deficiencies noted below. No period for reply is set forth in this notice for correction of these deficiencies. However, if a deficiency relates to the inventor's oath or declaration, the applicant must file an oath or declaration in compliance with 37 CFR 1.63, or a substitute statement in compliance with 37 CFR 1.64, executed by or with respect to each actual inventor no later than the expiration of the time period set in the "Notice of Allowability" to avoid abandonment. See 37 CFR 1.53(f).

The item(s) indicated below are also required and should be submitted with any reply to this notice to avoid further processing delays.

- A properly executed inventor's oath or declaration has not been received for the following inventor(s):
Andrew Stephens
Francisco Morales
Tadeusz Rybka

Questions about the contents of this notice and the requirements it sets forth should be directed to the Office of Data Management, Application Assistance Unit, at (571) 272-4000 or (571) 272-4200 or 1-888-786-0101.

/s/duong/



UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
ASSISTED BY SEASONED PRO PATENTS
P.O. Box 1154
Alexandria, Virginia 22304-1154
www.uspto.gov

APPLICATION NUMBER	NUM DATE	REPAIR LINE	FILED/CD	ATTY DOCKING NO	JOY CLAIMS	IND CLAIMS
29575380	08/24/2016	2913	450	64844.258270	1	1

CONFIRMATION NO. 1255

FILING RECEIPT



Abstract

Date Mailed: 08/31/2016

23644
Baines & Thornburg LLP (CH)
P.O. Box 2786
Chicago, IL 80690-2786

Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information, the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please submit a written request for a Filing Receipt Correction. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections.**

Inventor(s)

Andrew Stephens, Aurora, IL
Francisco Morales, Plano, IL
Tadeusz Rybka, Streamwood, IL

Applicant(s)

TANGENT TECHNOLOGIES LLC, Aurora, IL

Power of Attorney: None

Domestic Applications for which benefit is claimed - None

A proper domestic benefit claim must be provided in an Application Data Sheet in order to constitute a claim for domestic benefit. See 37 CFR 1.76 and 1.78.

Foreign Applications for which priority is claimed (You may be eligible to benefit from the **Patent Prosecution Highway** program at the USPTO. Please see <http://www.uspto.gov> for more information.) - None.

Foreign application information must be provided in an Application Data Sheet in order to constitute a claim to foreign priority. See 37 CFR 1.55 and 1.76.

Permission to Access Application via Priority Document Exchange: No

Permission to Access Search Results: Yes

Applicant may provide or rescind an authorization for access using Form PTO/SB/39 or Form PTO/SB/69 as appropriate.

If Required, Foreign Filing License Granted: 08/30/2016

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 29/575,380**

Projected Publication Date: None, application is not eligible for pre-grant publication

Non-Publication Request: No

Early Publication Request: No

**** SMALL ENTITY ****

Title

WOOD-GRAINED POLYMER SUBSTRATE

Preliminary Class

D25

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications: No

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4258).

LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

SelectUSA

The United States represents the largest, most dynamic marketplace in the world and is an unparalleled location for business investment, innovation, and commercialization of new technologies. The U.S. offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to promote and facilitate business investment. SelectUSA provides information assistance to the international investor community; serves as an ombudsman for existing and potential investors; advocates on behalf of U.S. cities, states, and regions competing for global investment; and counsels U.S. economic development organizations on investment attraction best practices. To learn more about why the United States is the best country in the world to develop technology, manufacture products, deliver services, and grow your business, visit <http://www.SelectUSA.gov> or call +1-202-482-6800.

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4231497

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ANDREW STEPHENS	10/17/2016
FRANCISCO MORALES	10/18/2016
TADEUSZ RYBKA	10/21/2016

RECEIVING PARTY DATA

Name:	TANGENT TECHNOLOGIES LLC
Street Address:	1001 SULLIVAN ROAD
City:	AURORA
State/Country:	ILLINOIS
Postal Code:	60506

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	29575380

CORRESPONDENCE DATA

Fax Number: (312)759-5646

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 312-357-1313

Email: msweetin@btlaw.com

Correspondent Name: MARK J. NAHNSEN

Address Line 1: BARNES & THORNBURG LLP

Address Line 2: P.O. BOX 2786

Address Line 4: CHICAGO, ILLINOIS 60690-2786

ATTORNEY DOCKET NUMBER:	64844-258270
NAME OF SUBMITTER:	MARK J. NAHNSEN, REG. NO. 51093
SIGNATURE:	/Mark J. Nahnsen/
DATE SIGNED:	01/18/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

source=258270_Declaration-Assignment#page1.tif

source=258270_Declaration-Assignment#page2.tif

RPI1040

Page 26

This document is being submitted for dual purposes

Attorney Docket No. 64844-258270

**COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING
AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE**

Title of
Invention

WOOD-GRAINED POLYMER SUBSTRATE

As the below-named inventor, I hereby declare that:

This declaration is directed to:

- ☐ the attached application, or
☒ United States Application or PCT International Application No. 29/575380,
 filed on August 24, 2016.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in this application.

WHEREAS, TANGENT TECHNOLOGIES LLC,

a corporation (hereinafter referred to as "ASSIGNEE") having a place of business at
1001 Sullivan Road, Aurora, IL 60506

is desirous of acquiring the entire right, title, and interest in and to the above-referenced application and any inventions disclosed therein ("the INVENTION") and in and to any Letters Patent that may be granted therefrom in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, for good and valuable consideration, the sufficiency of which is acknowledged, I hereby sell, assign, and set over to ASSIGNEE, the full and exclusive right to the invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the application) and the entire right, title, and interest in and to any and all Letters Patent which may be granted therefrom in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions, and renewals thereof.

I hereby authorize and request the Patent Office officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to ASSIGNEE as the assignee of my entire right, title, and interest in and to the same, for the sole use and benefit of ASSIGNEE, its successors and assigns, to the full end of the term for which said Letters 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 and hereby covenants that I have full right to convey the interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict herewith.

Further, I agree that I will communicate to ASSIGNEE or its representatives any facts known to me respecting the INVENTION and will testify in any legal proceeding, cooperate in every way possible in obtaining evidence, sign all lawful papers, execute all divisional, continuation, substitute, renewal, and reissue applications, execute all necessary assignment papers to cause any and all of the Letters Patent to be issued to ASSIGNEE, make all rightful oaths, and generally do everything possible to aid ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for the INVENTION in the United States and its territorial possessions and in any and all foreign countries.

I hereby grant the attorney of record the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this assignment.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

LEGAL NAME OF INVENTOR: Andrew STEPHENS

Signature: _____

Date: _____

10-17-16

This document is being submitted for that purpose

Attorney Docket No. 64844-258270

**COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING
AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE**

Title of Invention	WOOD-GRAINED POLYMER SUBSTRATE
-------------------------------	---------------------------------------

As the below-named inventor, I hereby declare that:

This declaration is directed to:

- ☐ the attached application, or
☒ United States Application or PCT International Application No. 29/575380,
 filed on August 24, 2016.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in this application.

WHEREAS, TANGENT TECHNOLOGIES LLC

a corporation (hereinafter referred to as "ASSIGNEE"), having a place of business at
1001 Sullivan Road, Aurora, IL 60506,

is desirous of acquiring the entire right, title, and interest in and to the above-referenced application and any inventions disclosed therein
 ("the INVENTION") and in and to any Letters Patent that may be granted therefrom in the United States and its territorial possessions and
 in any and all foreign countries;

NOW, THEREFORE, for good and valuable consideration, the sufficiency of which is acknowledged, I hereby sell, assign, and set over to
 ASSIGNEE, the full and exclusive right to the invention in the United States and its territorial possessions and in all foreign countries
 (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and
 Arrangements from the application) and the entire right, title, and interest in and to any and all Letters Patent which may be granted
 therefrom in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions,
 reissues, continuations, substitutions, and renewals thereof.

I hereby authorize and request the Patent Office officials in the United States and its territorial possessions and any and all foreign countries
 to issue any and all of said Letters Patent, when granted, to ASSIGNEE as the assignee of my entire right, title, and interest in and to the
 same, for the sole use and benefit of ASSIGNEE, its successors and assigns, to the full end of the term for which said Letters 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 and hereby covenants
 that I have full right to convey the interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement
 in conflict herewith.

Further, I agree that I will communicate to ASSIGNEE or its representatives any facts known to me respecting the INVENTION and will
 testify in any legal proceeding, cooperate in every way possible in obtaining evidence, sign all lawful papers, execute all divisions,
 continuation, substitute, renewal, and reissue applications, execute all necessary assignment papers to cause any and all of the Letters
 Patent to be issued to ASSIGNEE, make all rightful oaths, and generally do everything possible to aid ASSIGNEE, its successors and
 assigns, to obtain and enforce proper protection for the INVENTION in the United States and its territorial possessions and in any and all
 foreign countries.

I hereby grant the attorney of record the power to insert on this assignment any further identification which may be necessary or desirable
 in order to comply with the rules of the United States Patent and Trademark Office for recordation of this assignment.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment
 of not more than five (5) years, or both.

LEGAL NAME OF INVENTOR: Francisco MORALESSignature: Francisco MoralesDate: 10-18-2016

This document is being submitted for dual purposes

Attorney Docket No. 64844-258270

**COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING
AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE**

Title of Invention	WOOD-GRAINED POLYMER SUBSTRATE
-------------------------------	---------------------------------------

As the below-named inventor, I hereby declare that:

This declaration is directed to:

- ☐ the attached application, or
☒ United States Application or PCT International Application No. 29/575380,
 filed on August 24, 2016.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in this application.

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a corporation (hereinafter referred to as "ASSIGNEE"), having a place of business at
1001 Sullivan Road, Aurora, IL 60506

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NOW, THEREFORE, for good and valuable consideration, the sufficiency of which is acknowledged, I hereby sell, assign, and set over to ASSIGNEE, the full and exclusive right to the invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the application) and the entire right, title, and interest in and to any and all Letters Patent which may be granted therefrom in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions, and renewals thereof.

I hereby authorize and request the Patent Office officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to ASSIGNEE as the assignee of my entire right, title, and interest in and to the same, for the sole use and benefit of ASSIGNEE, its successors and assigns, to the full end of the term for which said Letters 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 and hereby covenants that I have full right to convey the interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict herewith.

Further, I agree that I will communicate to ASSIGNEE or its representatives any facts known to me respecting the INVENTION and will testify in any legal proceeding, cooperate in every way possible in obtaining evidence, sign all lawful papers, execute all divisional, continuation, substitute, renewal, and reissue applications, execute all necessary assignment papers to cause any and all of the Letters Patent to be issued to ASSIGNEE, make all rightful oaths, and generally do everything possible to aid ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for the INVENTION in the United States and its territorial possessions and in any and all foreign countries.

I hereby grant the attorney of record the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this assignment.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

LEGAL NAME OF INVENTOR: Tadeusz RYBKASignature: Date: 10/21/2016



INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary.)

Sheet 1 of 1

Complete if Known

Application Number:	29/575380
Filing Date:	August 24, 2016
First Named Inventor:	STEPHENS, Andrew
Group Art Unit:	2921
Confirmation Number:	1255
Examiner Name:	JOHANNES, Thomas J.
Attorney Docket Number:	64844-258270

U.S. PATENT DOCUMENTS

Examiner Initials	Doc. No.	U.S. Patent Document		Name of Patentee or Applicant	Date of Publication	Filing Date if Appropriate
		Application or Patent Number	Kind Code			
	AA	4280950		Nagata et al.	Jul. 28, 1981	
	AB	5126088		Andres	Jun. 30, 1992	
	AC	5866639		Dorchester et al.	Feb. 2, 1999	
	AD	6083601		Prince et al.	Jul. 4, 2000	
	AE	6596784		King	Jul. 22, 2003	
	AF	7866758		Jang	Jan. 11, 2011	
	AG	2004/0038002		Franco et al.	Feb. 26, 2004	
	AH	2007/0104930		Grohman	May 10, 2007	
	AI	2008/0299351		Buchholtz et al.	Dec. 4, 2008	
	AJ	2011/0151193		Cantley et al.	Jun. 23, 2011	
	AK	2011/0177291		Sudano et al.	Jul. 21, 2011	
	AL	2013/0224437		Park et al.	Aug. 29, 2013	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Doc. No.	Foreign Patent Document			Name of Patentee or Applicant	Date of Publication	Translation	
		Office	Application or Patent Number	Kind Code			Yes	No**
	AM	DE	1963161		Farbwerke Hoechst AG	Jun. 24, 1971		X+
	AN	FR	2738768		Peyral	Dec. 3, 1999		X+
	AO	JP	JPH07-214631		Echo Chem KK	Aug. 15, 1995		X+

OTHER - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Doc. No.	Include name of the author (in CAPITAL LETTERS); title of the article (when appropriate); title of the item (book, magazine, journal, serial, symposium, catalog, etc.); date, page(s), volume-issue number(s); publisher, city and/or country where published.	Translation	
			Yes	No**
	AP	DeGroot, "Synthetic Decking Roundup," <i>Professional Deck Builder</i> 1-8 (2012).		
	AQ	Koepplmayr et al., "Numerical and Experimental Modeling of a Multiflux Static Mixer for Continuous Extrusion of Layered Polymer Blends," <i>14th European Conference on Mixing, At Warsaw, Poland, (September 2012)</i> .		
	AR	Van der Hoeven et al., "Homogeneity of multilayers produced with a Static Mixer," <i>Polymer Engineering And Science</i> , 41(1): 1-18 (2001).		

EXAMINER

DATE CONSIDERED

* A concise statement of relevance is being submitted in lieu of a translation. 37 CFR 1.98(a)(3).

- An English-language equivalent/patent, or an English-language abstract, or an English-language version of the search report or other by a foreign patent office in a counterpart foreign application indicating the degree of relevance found by the foreign office is being submitted in lieu of a concise explanation of relevance under 37 CFR 1.98(a)(3).

Electronic Acknowledgement Receipt

EFS ID:	28303968
Application Number:	29575380
International Application Number:	
Confirmation Number:	1255
Title of Invention:	WOOD GRAINED POLYMER SUBSTRATE
First Named Inventor/Applicant Name:	Andrew Stephens
Customer Number:	23644
Filer:	Kyle A. Forgue/Mark Sweetin
Filer Authorized By:	Kyle A. Forgue
Attorney Docket Number:	64844 258270
Receipt Date:	08-FEB-2017
Filing Date:	24 AUG 2016
Time Stamp:	17:01:51
Application Type:	Design

Payment information:

Submitted with Payment	no
------------------------	----

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		258270 IDS.pdf	31169	yes	4
			9d10c952a02216227db40c1c39f3f8c1e20259		

RPI1040

	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Transmittal Letter		1	3	
	Information Disclosure Statement (IDS) Form (SB08)		4	4	
Warnings:					
Information:					
2	Foreign Reference	DE1963161A1.pdf	1155667	no	9
			46434089911e796231630a33c0767db10a4810011		
Warnings:					
Information:					
3	Non Patent Literature	DeGroot_2012_SyntheticDeckingRoundup.pdf	823717	no	8
			3c20764ac095a0ade0c73d3c2a5133e85c915d701		
Warnings:					
Information:					
4	Foreign Reference	fr2738768B1.pdf	1246519	no	12
			8c94d788111c7115ee659718822ca7a2d3910f9		
Warnings:					
Information:					
5	Foreign Reference	JP07214631A.pdf	819426	no	8
			11177a112a0709811171c1c1c4d05721eac1d05		
Warnings:					
Information:					
6	Non Patent Literature	Kopplmayr_2012_14th-EU_Conf.pdf	673395	no	7
			111388251ed0511f0e0f00a1129611eac1d05		
Warnings:					
Information:					
7	Non Patent Literature	vanderHoeven_2001_PolymerEngineer.pdf	1208967	no	18
			5551c7c2359751950949c1f0e0f00a1129611eac1d05		
Warnings:					

RPI1040

Information:	
Total Files Size (in bytes):	5958880
This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503. <u>New Applications Under 35 U.S.C. 111</u> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application. <u>National Stage of an International Application under 35 U.S.C. 371</u> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EQ/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course. <u>New International Application Filed with the USPTO as a Receiving Office</u> If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.	

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor:

STEPHENS, Andrew

Application No. 29/575380

Filed: August 24, 2016

For: WOOD-GRAINED POLYMER SUBSTRATE

Confirmation No. 1255

Group Art Unit: 2921

Examiner: JOHANNES, Thomas J.

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.97 and 1.98, the references listed on the enclosed Form PTO-1449 and/or Substitute Form PTO-1449 ("Form 1449") are submitted for consideration by the Examiner in the examination of the above-identified patent application.

The full consideration of the references in their entirety by the Examiner is respectfully requested and encouraged. Also, it is respectfully requested that the references be entered into the record of the present application and that the Examiner place his or her initials in the appropriate area on the enclosed Form 1449, thereby indicating the Examiner's consideration of each of the references.

The submission of the references listed on the Form 1449 is for the purpose of providing a complete record and is not a concession that the references listed therein are prior art to the invention claimed in the patent application. The right is expressly reserved to establish an invention date earlier than the above-identified filing date in order to remove any reference submitted herewith as prior art should it be deemed appropriate to do so.

Further, the submission of the references is not to be taken as a concession that any reference represents art that is relevant or analogous to the claimed invention. Accordingly, the right to argue that any reference is not properly within the scope of prior art relevant to an examination of the claims in the above-identified application is also expressly reserved.

The Information Disclosure Statement is being filed:

- ☒ **within** any one of the following time periods: (a) within three months of the filing date of a national application other than a continued prosecution application under 37 C.F.R. 1.53(d); (b) within three months of the date of entry of the national stage as set forth in 37 C.F.R. 1.491 of an international application; (c) before the mailing date of a first

Office Action on the merits; or (d) before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

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or

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Copies of the References

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First Named Inventor: STEPHENS, Andrew
Application No. 29/575380

details of the parent application(s) relied upon for an earlier filing date under 35 USC. 120 in which copies of the references were previously furnished are set out below:

U.S. APPLICATIONS		Status (<i>check one</i>)		
U.S. APPLICATIONS	U.S. FILING DATE	PATENTED	PENDING	ABANDONED
1.				
2.				
3.				

Fees

- ☒ No fee is owed by the applicant(s).
☐ Charge Deposit Account No. 12-0913 in the amount of \$0.00.

Authorization to Charge Additional Fees

- ☒ Please charge any additional required fees or credit any overpayments in connection with this communication to Deposit Account No. 12-0913.

Respectfully submitted,

Date: February 8, 2017

/Kyle A. Forgue/
Kyle A. Forgue, Reg. No. 71457
BARNES & THORNBURG LLP
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(312) 759-5646 (facsimile)
Customer No. 23644



INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number:	29/575380
Filing Date:	August 24, 2016
First Named Inventor:	STEPHENS, Andrew
Group Art Unit:	2921
Confirmation Number:	1255
Examiner Name:	JOHANNES, Thomas J.
Attorney Docket Number:	64844-258270

U.S. PATENT DOCUMENTS

Examiner Initials	U.S. Patent Document			Name of Patentee or Applicant	Date of Publication	Filing Date if Appropriate
	Doc. No.	Application or Patent Number	Kind Code			
	A S	2332081		Hunt	Oct. 1943	
	A T	2632204		Murray	Mar. 24, 1953	
	A U	3422175		Rowland	Jan. 14, 1969	
	A V	3443278		Nauta	May 13, 1969	
	A W	3531828		Nauta	Oct. 8, 1970	
	A X	3608261		French et al.	Sep. 1971	
	A Y	3792945		Randall	Feb. 19, 1974	
	A Z	3920366		Randall	Nov. 18, 1975	
	B A	4661392		Kapstad	Apr. 1987	
	B B	4836814		Bambara et al.	Jun. 6, 1989	
	B C	5110530		Havens	May 5, 1992	
	B D	5232751		Cameron et al.	Aug. 3, 1993	
	B E	7137229		Pervan	Nov. 2006	
	B F	7204944		Pledboeuf	Apr. 17, 2007	
	B G	8388331		Osada et al.	Mar. 5, 2013	
	B H	2003/0021915		Rohatgi et al.	Jan. 30, 2015	
	B I	D505467		Marr	May 24, 2005	
	B J	D653778		Oamen	Feb. 2012	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Doc. No.	Foreign Patent Document			Name of Patentee or Applicant	Date of Publication	Translation	
		Office	Application or Patent Number	Kind Code			Yes	No**
	B K	EP	0532340		Horikawa Selsakusho Co. Ltd.	Mar. 17, 1993		

OTHER - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Doc. No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume/issue number(s), publisher, city and/or country where published.	Translation	
			Yes	No**

DMS 11/21/2016

EXAMINER	DATE CONSIDERED
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor:

STEELE, Andrew

Application No. 29/575380

Filed: August 24, 2016

For: WOOD-GRAINED POLYMER SUBSTRATE

Confirmation No. 1255

Group Art Unit: 2921

Examiner: JOHANNES, Thomas J.

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.97 and 1.98, the references listed on the enclosed Form PTO-1449 and/or Substitute Form PTO-1449 ("Form 1449") are submitted for consideration by the Examiner in the examination of the above-identified patent application.

The full consideration of the references in their entirety by the Examiner is respectfully requested and encouraged. Also, it is respectfully requested that the references be entered into the record of the present application and that the Examiner place his or her initials in the appropriate area on the enclosed Form 1449, thereby indicating the Examiner's consideration of each of the references.

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First Named Inventor: STEPHENS, Andrew
Application No. 29/575380

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☐ the Statement under 37 CFR 1.97(e) (see "Statement under 37 CFR 1.97(e)" below).

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☒ the fee set forth in 37 CFR 1.17(p) (see "Fees" below).

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First Named Inventor: STEPHENS, Andrew
Application No. 29/575380

details of the parent application(s) relied upon for an earlier filing date under 35 USC 120 in which copies of the references were previously furnished are set out below:

U.S. APPLICATIONS		Status (<i>check one</i>)		
U.S. APPLICATIONS	U.S. FILING DATE	PATENTED	PENDING	ABANDONED
1.				
2.				
3.				

Fees

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☒ Charge Deposit Account No. 12-0913 in the amount of \$90.00.

Authorization to Charge Additional Fees

- ☒ Please charge any additional required fees or credit any overpayments in connection with this communication to Deposit Account No. 12-0913.

Respectfully submitted,

Date: November 27, 2017

/Kyle A. Forgue/
Kyle A. Forgue, Reg. No. 71457
BARNES & THORNBURG LLP
P.O. Box 2786
Chicago, Illinois 60690-2786
(312) 357-1313 (telephone)
(312) 759-5646 (facsimile)
Customer No. 23644



INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number:	29/575380
Filing Date:	August 24, 2016
First Named Inventor:	STEPHENS, Andrew
Group Art Unit:	2921
Confirmation Number:	1255
Examiner Name:	BARNES, Kimberly
Attorney Docket Number:	64844-268270

U.S. PATENT DOCUMENTS

Examiner Initials	Doc. No.	U.S. Patent Document		Name of Patentee or Applicant	Date of Publication	Filing Date if Appropriate
		Application or Patent Number	Kind Code			
	BO	5869138		Nishibori	Feb. 9, 1999	
	BP	6153293		Dahl et al.	Nov. 28, 2000	
	BO	7410687		Dolinar	Aug. 12, 2008	
	BR	7507464		Walrath	Mar. 24, 2009	
	BS	8168104		Han et al.	May 1, 2012	
	BT	8197733		Sudano	Jun. 12, 2012	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Doc. No.	Foreign Patent Document			Name of Patentee or Applicant	Date of Publication	Translation	
		Office	Application or Patent Number	Kind Code			Yes	No**
	BU	DE	2327512		BP Chem. Int. Ltd.	Dec. 13, 1973		X+
	BV	GB	1489591		John F. Rodman	Oct. 19, 1977		

OTHER - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Doc. No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation	
			Yes	No**
	BW	StaMixCo, "Principles of Operation of Static Mixers," Static Mixer Products & Technology, accessed on the Internet at: https://web.archive.org/web/20081209081624/http://www.stamixco-usa.com:80/principles-of-operation/default.html (9 Dec. 2008).		

DMS 170673-1

EXAMINER		DATE CONSIDERED	
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RPI1040

Page 42

42 of 47

Electronic Acknowledgement Receipt

EFS ID:	31906254
Application Number:	29575380
International Application Number:	
Confirmation Number:	1255
Title of Invention:	WOOD-GRAINED POLYMER BOARD
First Named Inventor/Applicant Name:	Andrew Stephens
Customer Number:	23644
Filer:	Kyle A. Forgue/Mark Sweetin
Filer Authorized By:	Kyle A. Forgue
Attorney Docket Number:	64844-2582/0
Receipt Date:	27 FEB 2018
Filing Date:	24-AUG-2016
Time Stamp:	17:19:16
Application Type:	Design

Payment information:

Submitted with Payment		no			
File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		258270_Supp_105_022718.pdf	33756 21414211307627209558257ae/5200c69457	yes	4

RPI1040

Page 43 of 47

	Multipart Description/PDF files in .zip description		
	Document Description	Start	End
	Transmittal Letter	1	3
	Information Disclosure Statement (IDS) Form (SB08)	4	4

Warnings:

Information:

2	Non Patent Literature	StaMixCo_Principles_Operation_Static_Mixers.pdf	83658	no	2
			1059100289151713267270426b1039f2380		

Warnings:

Information:

3	Foreign Reference	DE2327512A1.pdf	1583525	no	12
			64627b1210466f95a1c5a08f209a21e62b		

Warnings:

Information:

4	Foreign Reference	GB1489591A.pdf	376592	no	6
			9C06715871375cd10113121b265992bd139f0		

Warnings:

Information:

Total Files Size (in bytes):		2077531
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This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

RPI1040

Page 44
44 of 47

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor:

STEPHENS, Andrew

Application No. 29/575380

Filed: August 24, 2016

For: WOOD-GRAINED POLYMER BOARD

Confirmation No. 1255

Group Art Unit: 2921

Examiner: BARNES, Kimberly

INFORMATION DISCLOSURE STATEMENT

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P.O. Box 1450
Alexandria, VA 22313-1450

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First Named Inventor: STEPHENS, Andrew
Application No. 29/575380

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First Named Inventor: STEPHENS, Andrew
Application No. 29/575380

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Respectfully submitted,

Date: February 27, 2018

/Kyle A. Forgue/
Kyle A. Forgue, Reg. No. 71457
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P.O. Box 2786
Chicago, Illinois 60690-2786
(312) 357-1313 (telephone)
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Customer No. 23644