

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4473311

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
LIEN GANGTE	06/08/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ASTEC, INC.
<b>Street Address:</b>	4101 JEROME AVENUE
<b>City:</b>	CHATTANOOGA
<b>State/Country:</b>	TENNESSEE
<b>Postal Code:</b>	37407
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15597834
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(423)508-1232
<i>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.</i>	
<b>Phone:</b>	423-757-0232
<b>Email:</b>	ccharniak@chamblisslaw.com
<b>Correspondent Name:</b>	PAUL S. WEIDLICH
<b>Address Line 1:</b>	605 CHESTNUT STREET
<b>Address Line 2:</b>	SUITE 1700
<b>Address Line 4:</b>	CHATTANOOGA, TENNESSEE 37450
<b>ATTORNEY DOCKET NUMBER:</b>	1470100-1604
<b>NAME OF SUBMITTER:</b>	PAUL S. WEIDLICH
<b>SIGNATURE:</b>	/Paul S. Weidlich/
<b>DATE SIGNED:</b>	06/22/2017
<b>Total Attachments: 5</b>	
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## ASSIGNMENT

We, **Mark Chambers, Harold Crowe, Kris Robertson, Albert Covington, Wayne Hall, Jonathan Brown, Chuck Simpson, and Lien Gangte**, have made a new and useful invention entitled **System and Method for Asphalt Mix Tracking** for which we filed U.S. Patent Application No. 15/597,834 on May 17, 2017, which claims the benefit of U.S. Provisional Application No. 62/337,485 filed on May 17, 2016.

In consideration of one dollar and other good and valuable considerations, the receipt of which is hereby acknowledged, and intending to be legally bound, we do hereby sell, assign and transfer to Astec, Inc., a corporation organized and existing under the laws of the State of Tennessee, and having its principal place of business in Chattanooga, in Hamilton County and the State of Tennessee, its successors, assigns and legal representatives, our entire right, title and interest, for all countries, in and to any and all inventions, discoveries and improvements which are disclosed and claimed, and any and all inventions, discoveries and improvements which are disclosed but not claimed, in the aforementioned patent applications, and in and to said applications and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed on any of said inventions, discoveries and improvements disclosed in either or all of said applications, and in and to all original and reissue patents which shall be issued by the United States or any other country on any of said inventions, discoveries and improvements.

This assignment includes the right to file and prosecute any and all such applications, and the right to sue and recover for any and all infringements of any of said patents.

We hereby authorize and request the Director of the United States Patent and Trademark Office to issue to said assignee, Astec, Inc., its successors, assigns and legal representatives, any and all United States Letters Patent on said inventions, discoveries and improvements, or any of them, disclosed in the aforementioned U.S. Patent Applications, in accordance with this assignment. We also authorize and request the Patent Office of each country in which a corresponding patent application is filed to issue to said assignee, Astec, Inc., its successors, assigns and legal representatives, any and all patents on said inventions, discoveries and improvements, or any of them, disclosed in the aforementioned U.S. Patent Applications, in accordance with this assignment.

We agree that, when requested, without charge but at the expense of said assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, we will, for all countries, (1) execute all divisional, continuing, substitute, renewal, reissue and all other patent applications on any and all of said inventions, discoveries and improvements, (2) execute all rightful oaths, declarations and other papers, (3) communicate to said assignee, its successors, assigns and representatives, all facts known to us relating to said inventions, discoveries and improvements and the history thereof, (4) testify in all legal proceedings relating to said inventions, discoveries and improvements and/or said patent applications and/or patents, and (5) generally do everything reasonably necessary, as required by said assignee, its successors, assigns or representatives, to aid in securing, maintaining and enforcing proper patent protection for said inventions, discoveries and improvements, and for vesting title to the same, as well as to patent applications and patents covering said inventions, discoveries and improvements, in said assignee, its successors, assigns and legal representatives.

We do hereby covenant with said assignee, for ourselves and our heirs, legal representatives and assigns, that we and our heirs, legal representatives and assigns, (1) have not and will not execute any instrument or perform any act in conflict herewith, and (2) will at all times do such acts and execute such papers, without expense to us, as may be necessary or desirable (a) in order to fully protect said inventions, discoveries and improvements and said patent applications and patents pertaining thereto, for the benefit of said assignee, its successors and assigns, and (b) to give full force and effect to this assignment. We furthermore agree and affirm that we have the unrestricted right to make the conveyance set forth herein.

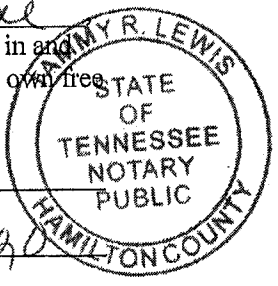
Executed this 2<sup>ND</sup> day of June, 2017.

By: *Mark Chambers*  
Mark Chambers

State of TN  
County of Hamilton

Before me, a notary public in and for said county, appeared on this 2<sup>ND</sup> day of June 2017, **Mark Chambers**, who is personally known to me to be the person who is described in and who executed the above instrument, and he acknowledged that he executed the same of his own free will for the purposes set forth therein.

*Amy Lewis*  
Notary Public  
My commission expires: 8/25/2020



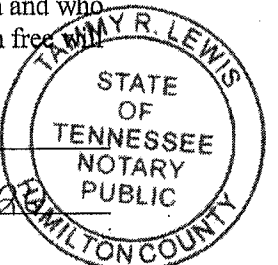
Executed this 2<sup>ND</sup> day of June, 2017.

By: *Harold Crowe*  
Harold Crowe

State of TN  
County of Hamilton

Before me, a notary public in and for said county, appeared on this 2<sup>ND</sup> day of June, 2017, **Harold Crowe**, who is personally known to me to be the person who is described in and who executed the above instrument, and he acknowledged that he executed the same of his own free will for the purposes set forth therein.

*Amy Lewis*  
Notary Public  
My commission expires: 8/25/2020



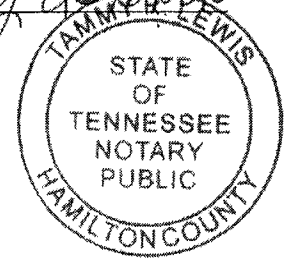
Executed this 2<sup>ND</sup> day of June, 2017.

By: [Signature]  
Kris Robertson

State of TN  
County of Hamilton

Before me, a notary public in and for said county, appeared on this 2<sup>ND</sup> day of June, 2017, **Kris Robertson**, who is personally known to me to be the person who is described in and who executed the above instrument, and he acknowledged that he executed the same of his own free will for the purposes set forth therein.

[Signature]  
Notary Public  
My commission expires: Aug 25, 2020



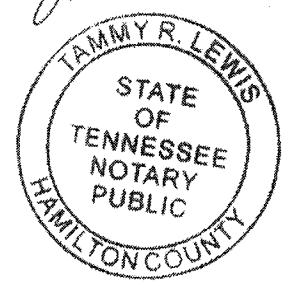
Executed this 2<sup>ND</sup> day of June, 2017.

By: [Signature]  
Albert Covington

State of TN  
County of Hamilton

Before me, a notary public in and for said county, appeared on this 2<sup>ND</sup> day of June, 2017, **Albert Covington**, who is personally known to me to be the person who is described in and who executed the above instrument, and he acknowledged that he executed the same of his own free will for the purposes set forth therein.

[Signature]  
Notary Public  
My commission expires: Aug 25, 2020



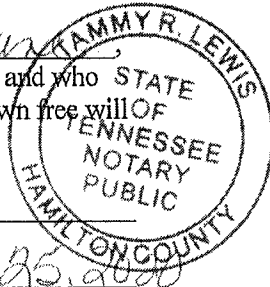
Executed this 2ND day of JUNE, 2017.

By: Wayne Hall  
Wayne Hall

State of TN )  
County of HAMILTON )

Before me, a notary public in and for said county, appeared on this 2nd day of June, 2017, **Wayne Hall**, who is personally known to me to be the person who is described in and who executed the above instrument, and he acknowledged that he executed the same of his own free will for the purposes set forth therein.

Amy R. Lewis  
Notary Public  
My commission expires: August 25, 2020



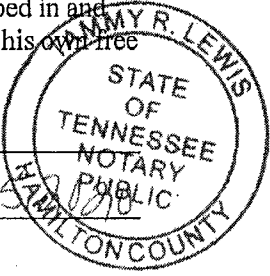
Executed this 7th day of June, 2017.

By: Jonathan Brown  
Jonathan Brown

State of TN )  
County of Hamilton )

Before me, a notary public in and for said county, appeared on this 7th day of June, 2017, **Jonathan Brown**, who is personally known to me to be the person who is described in and who executed the above instrument, and he acknowledged that he executed the same of his own free will for the purposes set forth therein.

Amy R. Lewis  
Notary Public  
My commission expires: Aug 25, 2020



Executed this 7th day of June, 2017.

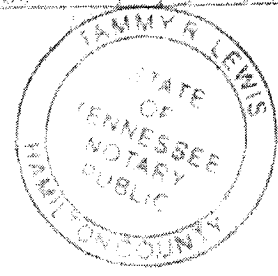
By: *Chuck Simpson*  
Chuck Simpson

State of IN)

County of Hamilton)

Before me, a notary public in and for said county, appeared on this 7th day of June, 2017, **Chuck Simpson**, who is personally known to me to be the person who is described in and who executed the above instrument, and he acknowledged that he executed the same of his own free will for the purposes set forth therein.

*Tammie R. Lewis*  
Notary Public  
My commission expires: *Dec 31, 2018*



Executed this 28 day of June, 2017.

By: *Lisa Gante*  
Lisa Gante