PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3016010

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TIM R BARDIN	09/13/2013
ALLAN WAYNE DANIEL	09/23/2013
CHAD GARRISH	09/11/2013
RICHARD TEMBLADOR	10/17/2013
JAMES PHIL TUGGLE	09/12/2013

RECEIVING PARTY DATA

Name:	SOUTHWIRE COMPANY
Street Address:	ONE SOUTHWIRE DRIVE
City:	CARROLLTON
State/Country:	GEORGIA
Postal Code:	30119

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14482033

CORRESPONDENCE DATA

Fax Number:

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: 678-731-7460

Email: jonathan@hciplaw.com **Correspondent Name:** HARTMAN & CITRIN LLC

Address Line 1: 2401 MACY DRIVE

Address Line 4: ROSWELL, GEORGIA 30076

ATTORNEY DOCKET NUMBER:	SW-10-0649.USU1/0033USU1
NAME OF SUBMITTER:	JONATHAN A. PAULIS
SIGNATURE:	/Jonathan A. Paulis/
DATE SIGNED:	09/10/2014

Total Attachments: 10

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502969411 PATENT REEL: 033707 FRAME: 0378

PATENT REEL: 033707 FRAME: 0379

WHEREAS, I, Tim R. Bardin, residing at 5016 E. Dartmouth St., Mesa, AZ 85205 is an inventor of an invention entitled "Wireless-Enabled Tension Meter" as described and claimed in the specification forming part of an application executed herewith;

AND WHEREAS, Southwire Company, a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at One Southwire Drive, Carrollton, Georgia 30119 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all non-provisional applications, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

Page 1 of 2

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, we have hereunto set our hands this 15 the day of

STATE OF <u>Georgia</u> } ss.

On this 13th day of Japhon 2013, before me personally appeared Tim R. Bardin to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public My Commission Expires July 291, 201 w/ly Commission Expires July 29", 2016

WHEREAS, I, Allan Wayne Daniel, residing at 18525 Country Road 87, Woodland, AL 36280 is an inventor of an invention entitled "Wireless-Enabled Tension Meter" as described and claimed in the specification forming part of an application executed herewith;

AND WHEREAS, Southwire Company, a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at One Southwire Drive, Carrollton, Georgia 30119 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all non-provisional applications, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

September, 2013.	WHEREOF, we have hereunto	set our hands this	$\frac{23}{\text{day of}}$
	and we	Λ	
	allan W.	1an	
	Allan Wayne Daniel	•	

STATE OF <u>Heorgian</u>) ss.

On this 23rd day of September 2013, before me personally appeared Alan Wayne Daniel to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

Notary Public

My Commission Expires: February 14, 2016

WHEREAS, I, Chad Garrish, residing at 3008 Chattahoochee Trace, Gainesville, GA 30506 is an inventor of an invention entitled "Wireless-Enabled Tension Meter" as described and claimed in the specification forming part of an application executed herewith;

AND WHEREAS, Southwire Company, a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at One Southwire Drive, Carrollton, Georgia 30119 (bereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor:

NOW THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all non-provisional applications, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

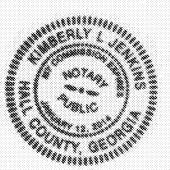
AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMON September 2013	NY WHEREOF, we have hereofato set our hapifis this _//_2_ day i
A A	
STATE OFCOUNTY OF)).ss.)
Chad Garrish to me known an	day of <u>Splicitor</u> , 2013, before me personally appeare id known to me to be the person described in and who executed the she duly acknowledged to me that he/she executed the same for the forth.

Notary Public

(SEAL)



WHEREAS, I, Richard Temblador, residing at 511 Birkdale Boulevard, Carrolton, GA 30116 is an inventor of an invention entitled "Wireless-Enabled Tension Meter" as described and claimed in the specification forming part of an application executed herewith;

AND WHEREAS, Southwire Company, a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at One Southwire Drive, Carrollton, Georgia 30119 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all non-provisional applications, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

[SEAL]

Notary Public

assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as

AND, furthermore we covenant and agree with said Assignee, its successors and

Consollten III

WHEREAS, I, James Phil Tuggle, residing at 287 Hidden Lakes Drive, Carretron. GA 30116 is an inventor of an invention entitled "Wireless-Enabled Tension Meter" as described and claimed in the specification forming part of an application executed herewith;

AND WHEREAS, Southwire Company, a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at One Southwire Drive, Carrollton, Georgia 30119 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all non-provisional applications, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, we have hereunto set our hands this 12 day of 5-64-45, 2013.

Mmes Phil Tuggle

STATE OF <u>Georgia</u>) ss.
COUNTY OF <u>land</u>)

On this 12 day of 500 abov., 2013, before me personally appeared James Phil Tuggle to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

CATER:

RECORDED: 09/10/2014

Notary Public

^{*}My Commission Expires July 29", 2016