

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Ronny Kleinhempel	12/03/2010
Julius G. Kozak	12/02/2010
Roland C. Thielsch	12/03/2010
Richard T. Wipfler	12/02/2010
Lee C. Boman	12/02/2010
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Southwall Technologies, Inc.
<b>Street Address:</b>	3788 Fabian Way
<b>City:</b>	Palo Alto
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94303
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12966469
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(408)297-9748
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	4082979733
<b>Email:</b>	sally@patentvalley.com
<b>Correspondent Name:</b>	Schneck & Schneck
<b>Address Line 1:</b>	P.O. Box 2-E
<b>Address Line 4:</b>	San Jose, CALIFORNIA 95109
<b>ATTORNEY DOCKET NUMBER:</b>	SWL-038 USSN 12/966,469
<b>NAME OF SUBMITTER:</b>	Thomas Schneck

OP \$40.00 12966469

**Total Attachments: 11**

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## ASSIGNMENT

WHEREAS, the undersigned, RONNY KLEINHEMPEL, having an address of Fritz-Reuter-Strasse 43, D-09423 Gelsenau, Germany; and JULIUS G. KOZAK, having an address of 4505 Steed Way, Antioch, California 94531; ROLAND C. THIELSCH, having an address of Burkersdorfer Weg 4, D-01189 Dresden, Germany; RICHARD T. WIPFLER, having an address of 1045 Valparaiso Avenue, Menlo Park, California 94025; CHRISTIAN H. STOESSEL, having an address of 5080 Dearwood Drive, Santa Rosa, California 95403; and LEE C. BOMAN, having an address of 1515A Folger Drive, Belmont, California 94002 (hereinafter termed Assignors) have invented certain new and useful improvements in an invention entitled: INSULATING GLASS UNIT WITH CRACK-RESISTANT LOW-EMISSIVITY SUSPENDED FILM; the undersigned Assignors hereby authorize and request that the serial number and filing date of said patent application be entered herein by the attorney in charge of the application, as soon as such information is known:

Serial No. 12/966,469

Filed: December 13, 2010

WHEREAS, SOUTHWALL TECHNOLOGIES, INC., a State of Delaware corporation, having an address of 3788 Fabian Way, Palo Alto, California 94303 (hereinafter termed Assignee) is desirous of acquiring the entire right, title and interest in and to said application and said invention and improvements thereon, and in and to Letters Patent thereon when granted in the United States and foreign countries;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and for other good and valuable consideration received by said Assignors from said Assignee, the receipt and sufficiency of which in full are hereby acknowledged by said Assignors:

1. Said Assignors do hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest in and to said application and said invention and in and to any and all improvements on said invention heretofore or hereafter made or acquired by said Assignors; and in and to any and all Letters Patent on said invention and/or said improvements that may be granted in the United States or any foreign country, including each and every Letters Patent granted on any application which is a division, continuation, substitution, renewal, or continuation-in-part of any of said application specifically identified herein, and in and to each and every reissue or extension of said Letters Patent.

2. Said Assignors hereby covenant and agree to cooperate with said Assignee whereby said Assignee may enjoy to the fullest extent the right, title and interest herein conveyed. Such cooperation shall include (a) prompt execution of all papers (prepared at the expense of Assignee) which are deemed necessary or desirable by Assignee to perfect in it the right, title and interest herein conveyed; (b) prompt execution of all petitions, oaths, specifications or other papers (prepared at the expense of Assignee) which are deemed necessary or desirable by Assignee for prosecuting said application, for filing and prosecuting divisional, continuation, substitution, renewal, continuation-in-part, or additional applications in the United States and/or foreign countries covering said invention and/or said improvements, for filing and prosecuting applications for reissuance of Letters Patent included herein, or for interference proceedings involving said invention and/or said improvements; (c) prompt assistance and cooperation in the prosecution of interference proceedings involving said invention and/or said improvements and in the adjudication of said Letters Patent, particularly by the disclosure of facts and the production of evidence relating to said invention and/or said improvements, provided the expenses which may be incurred by said Assignors in lending such assistance and cooperation shall be paid by the Assignee.

3. The terms, covenants and conditions of this Assignment shall inure to the benefit of said Assignee, its successors, assigns and/or other legal representatives, and shall be binding upon said Assignors, their heirs, legal representatives and assigns.

4. Said Assignors hereby warrant and represent that they have not entered into any assignment, contract or understanding in conflict therewith.

IN WITNESS WHEREOF, these said Assignors have executed and delivered this instrument on the dates shown below.

Date: 12/03/2010 \_\_\_\_\_  
RONNY KLEINHEMPEL

Date: \_\_\_\_\_  
JULIUS G. KOZAK

Date: 12/03/2010 \_\_\_\_\_  
ROLAND C. THIELSCH

Date: \_\_\_\_\_  
RICHARD T. WIPFLER

Date: \_\_\_\_\_  
CHRISTIAN H. STOESSEL

Date: \_\_\_\_\_  
LEE C. BOMAN

County of \_\_\_\_\_ )  
 ) s.s.  
State of California )

On \_\_\_\_\_, 2010 before me \_\_\_\_\_, personally appeared RONNY KLEINHEMPEL, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature  (Seal)

County of \_\_\_\_\_ )  
 ) s.s.  
State of California )

On \_\_\_\_\_, 2010 before me \_\_\_\_\_, personally appeared JULIUS G. KOZAK, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature \_\_\_\_\_ (Seal)

County of )  
 ) s.s.  
State of California )

On \_\_\_\_\_, 2010 before me \_\_\_\_\_, personally appeared ROLAND C. THIELSCH, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature *Roland Thiel* (Seal)

County of )  
 ) s.s.  
State of California )

On \_\_\_\_\_, 2010 before me \_\_\_\_\_, personally appeared RICHARD T. WIPFLER, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature \_\_\_\_\_ (Seal)

## ASSIGNMENT

WHEREAS, the undersigned, RONNY KLEINHEMPEL, having an address of Fritz-Reuter-Strasse 43, D-09423 Gelenau, Germany; and JULIUS G. KOZAK, having an address of 4505 Steed Way, Antioch, California 94531; ROLAND C. THIELSCH, having an address of Burkersdorfer Weg 4, D-01189 Dresden, Germany; RICHARD T. WIPFLER, having an address of 1045 Valparaiso Avenue, Menlo Park, California 94025; CHRISTIAN H. STOESSEL, having an address of 5080 Dearwood Drive, Santa Rosa, California 95403; and LEE C. BOMAN, having an address of 1515A Folger Drive, Belmont, California 94002 (hereinafter termed Assignors) have invented certain new and useful improvements in an invention entitled: INSULATING GLASS UNIT WITH CRACK-RESISTANT LOW-EMISSIVITY SUSPENDED FILM; the undersigned Assignors hereby authorize and request that the serial number and filing date of said patent application be entered herein by the attorney in charge of the application, as soon as such information is known:

Serial No. 12/966,469

Filed: December 13, 2010

WHEREAS, SOUTHWALL TECHNOLOGIES, INC., a State of Delaware corporation, having an address of 3788 Fabian Way, Palo Alto, California 94303 (hereinafter termed Assignee) is desirous of acquiring the entire right, title and interest in and to said application and said invention and improvements thereon, and in and to Letters Patent thereon when granted in the United States and foreign countries;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and for other good and valuable consideration received by said Assignors from said Assignee, the receipt and sufficiency of which in full are hereby acknowledged by said Assignors:



1. Said Assignors do hereby sell, assign, transfer and convey unto said Assignee, the entire right, title and interest in and to said application and said invention and in and to any and all improvements on said invention heretofore or hereafter made or acquired by said Assignors; and in and to any and all Letters Patent on said invention and/or said improvements that may be granted in the United States or any foreign country, including each and every Letters Patent granted on any application which is a division, continuation, substitution, renewal, or continuation-in-part of any of said application specifically identified herein, and in and to each and every reissue or extension of said Letters Patent.

2. Said Assignors hereby covenant and agree to cooperate with said Assignee whereby said Assignee may enjoy to the fullest extent the right, title and interest herein conveyed. Such cooperation shall include (a) prompt execution of all papers (prepared at the expense of Assignee) which are deemed necessary or desirable by Assignee to perfect in it the right, title and interest herein conveyed; (b) prompt execution of all petitions, oaths, specifications or other papers (prepared at the expense of Assignee) which are deemed necessary or desirable by Assignee for prosecuting said application, for filing and prosecuting divisional, continuation, substitution, renewal, continuation-in-part, or additional applications in the United States and/or foreign countries covering said invention and/or said improvements, for filing and prosecuting applications for reissuance of Letters Patent included herein, or for interference proceedings involving said invention and/or said improvements; (c) prompt assistance and cooperation in the prosecution of interference proceedings involving said invention and/or said improvements and in the adjudication of said Letters Patent, particularly by the disclosure of facts and the production of evidence relating to said invention and/or said improvements, provided the expenses which may be incurred by said Assignors in lending such assistance and cooperation shall be paid by the Assignee.

3. The terms, covenants and conditions of this Assignment shall inure to the benefit of said Assignee, its successors, assigns and/or other legal representatives, and shall be binding upon said Assignors, their heirs, legal representatives and assigns.

4. Said Assignors hereby warrant and represent that they have not entered into any assignment, contract or understanding in conflict therewith.

IN WITNESS WHEREOF, these said Assignors have executed and delivered this instrument on the dates shown below.


Date: \_\_\_\_\_  
RONNY KLEINHEMPEL

Date: 12-2-10 \_\_\_\_\_  
  
JULIUS G. KOZAK

Date: \_\_\_\_\_  
ROLAND C. THIELSCH

Date: 12/2/2010 \_\_\_\_\_  
  
RICHARD T. WIPFLER

Date: 12/2/2010 \_\_\_\_\_  
  
CHRISTIAN H. STOESSEL

Date: 12/2/2010 \_\_\_\_\_  
  
LEE C. BOMAN



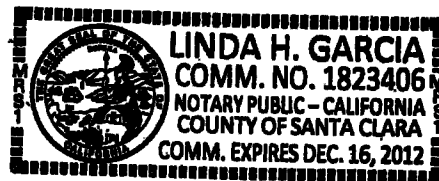


County of Santa Clara )  
 ) s.s.  
State of California )

On December 2, 2010 before me Linda H. Garcia, Notary personally appeared CHRISTIAN H. STOESEL, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature Linda H. Garcia, Notary (Seal)



County of )  
 ) s.s.  
State of California )

On December 2, 2010 before me Linda H. Garcia, Notary personally appeared LEE C. BOMAN, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature Linda H. Garcia, Notary (Seal)

