505929634 02/21/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5976352

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LAURENCE SINGLETON	07/20/2016
RAY FREEMAN	06/16/2016

RECEIVING PARTY DATA

Name:	SMARTRAC TECHNOLOGY GMBH	
Street Address:	MANFRED-VON-ARDENNE RING 12	
City:	DRESDEN	
State/Country:	GERMANY	
Postal Code:	01099	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15152544

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.

Email: mailroom@mg-ip.com

Correspondent Name: MUNCY GEISSLER OLDS & LOWE

Address Line 1: 4000 LEGATO RD

Address Line 4: FAIRFAX, VIRGINIA 22033

ATTORNEY DOCKET NUMBER:	0764/0111X	
NAME OF SUBMITTER:	MARTIN R. GEISSLER	
SIGNATURE:	/Martin R. Geissler/	
DATE SIGNED:	02/21/2020	

Total Attachments: 2

source=SMTDD04 Assignment_Laurence signed 200716#page1.tif source=SMTDD04 Assignment_Ray signed 160616#page1.tif

PATENT 505929634 REEL: 051891 FRAME: 0501

ASSIGNMENT

Whereas, the undersigned Inventor, Laurence Singleton, a resident of Germany, has invented a certain new and useful improvement in:

Barrier Configurations and Processes in Layer Structures

and has executed a declaration or oath for an application for a United States patent disclosing and identifying the invention, the invention has been filed on May 11, 2016; Appl. Ser. No 15/152,544; with docket number SMTDD04.

Whereas, SMARTRAC TECHNOLOGY GmbH, hereafter referred to as "assignee", whose mailing address is Manfred-von-Ardenne-Ring 12, D-01099 Dresden, Germany, wishes to acquire the entire right, title and interest in the same.

Now, therefore, for good and valuable consideration acknowledged by said Inventor to have been received in full from said Assignee, said Inventor does hereby sell, assign, and transfer unto said Assignee the entire right, title and interest

- (a) in and to said invention and said application, including any provisional application for which said application claims benefit;
- (b) in and to all rights to apply in any or all countries in the world for patents, certificates of inventions or other governmental grants on said invention, including the right to apply for patent pursuant to the International Convention for the Protection of Industrial Property or pursuant to other convention, treaty, agreement, or understanding;
- (c) in and to any and all applications filed and any and all patents, certificates of inventions or other governmental grants granted on said invention in the United States or any other country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications, including any provisional application for which said applications claim benefit;
 - (d) in and to each and every reissue or extension of any of said patents; and
- (e) in and to each and every patent claim resulting from a reexamination certificate for any and all of said patents.

The terms and covenants of this Assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor, his or her respective heirs, legal representatives and assigns.

IN WITNESS WHEREOF, said Inventor has executed this instrument on the date as given below and delivered this instrument to said Assignee:

Date

Laurence Singleton

20th. July, 2016

REEL: 051891 FRAME: 0502

ASSIGNMENT

Whereas, the undersigned Inventor, Ray Freeman, a resident of USA, has invented a certain new and useful improvement in:

Barrier Configurations and Processes in Layer Structures

and has executed a declaration or oath for an application for a United States patent disclosing and identifying the invention, the invention has been <u>filed on May 11, 2016</u>; <u>Appl. Ser. No 15/152,544</u>; <u>with docket number SMTDD04</u>.

Whereas, SMARTRAC TECHNOLOGY GmbH, hereafter referred to as "assignee", whose mailing address is Manfred-von-Ardenne-Ring 12, D-01099 Dresden, Germany, wishes to acquire the entire right, title and interest in the same.

Now, therefore, for good and valuable consideration acknowledged by said Inventor to have been received in full from said Assignee, said Inventor does hereby sell, assign, and transfer unto said Assignee the entire right, title and interest

- (a) in and to said invention and said application, including any provisional application for which said application claims benefit;
- (b) in and to all rights to apply in any or all countries in the world for patents, certificates of inventions or other governmental grants on said invention, including the right to apply for patent pursuant to the International Convention for the Protection of Industrial Property or pursuant to other convention, treaty, agreement, or understanding;
- (c) in and to any and all applications filed and any and all patents, certificates of inventions or other governmental grants granted on said invention in the United States or any other country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications, including any provisional application for which said applications claim benefit;
 - (d) in and to each and every reissue or extension of any of said patents; and
- (e) in and to each and every patent claim resulting from a reexamination certificate for any and all of said patents.

The terms and covenants of this Assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventor, his or her respective heirs, legal representatives and assigns.

IN WITNESS WHEREOF, said Inventor has executed this instrument on the date as given below and delivered this instrument to said Assignee:

Date

16/6/2016

ax Freeman

PATENT REEL: 051891 FRAME: 0503

RECORDED: 02/21/2020