502854347 06/17/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

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EPAS ID: PAT2900944

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RICHARD A. BITTNER	07/10/2007
STEVEN W. COX	07/11/2007
RONALD MAGEE	06/25/2007
JONATHAN C. MCCAY	06/25/2007

RECEIVING PARTY DATA

Name:	MILLIKEN & COMPANY	
Street Address:	920 MILLIKEN ROAD, M495	
City:	SPARTANBURG	
State/Country:	SOUTH CAROLINA	
Postal Code:	29303	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14146110

CORRESPONDENCE DATA

Fax Number: (864)503-1999

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: patents@milliken.com

Correspondent Name: MILLIKEN & COMPANY

Address Line 1: 920 MILLIKEN ROAD, M495

Address Line 4: SPARTANBURG, SOUTH CAROLINA 29303

ATTORNEY DOCKET NUMBER: 6152B - BDW

NAME OF SUBMITTER: LINDA ANN MANLEY

SIGNATURE: /Linda Ann Manley/

DATE SIGNED: 06/17/2014

Total Attachments: 3

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PATENT 502854347 REEL: 033116 FRAME: 0458

<u>X</u>

ASSIGNMENT

WHEREAS I (if only one inventor is listed below)/WE (if more than one inventor is listed below) have made certain invention(s) (hereinafter "Invention") described in the United States Patent Application entitled: <u>AUTOMATED RANDOMIZED PATTERN GENERATION USING PREDEFINED DESIGN</u> OVERLAYS AND PRODUCTS PRODUCED THEREBY;

reinafte	r, "Patent Application") which was:	
	the serial number and filing date as set for	& Company Case No, and having received orth below (I/We hereby authorize and direct the ort the serial number and filing date when that
_	Executed on the following dates for each inv	ventor: Execution Date
		<u>.</u>
Χ	Filed on May 22, 2007, and having receiv	ed a serial number of 11/805,031 .

WHEREAS, MILLIKEN & COMPANY, a Corporation organized under the laws of the State of Delaware with offices in Spartanburg, South Carolina, is desirous of obtaining the entire right, title, and interest in,

to, and under said Invention and the above-referenced Patent Application.

Invention, throughout the world. These rights include, but are not limited to:

NOW, THEREFORE, in consideration of the sum of Fifty Dollars (\$50.00) paid in hand to ME (if only one inventor)/US (if more than one inventor), and other good and valuable consideration, the receipt of which is hereby acknowledged, I/WE do hereby sell, assign, transfer, and set over unto MILLIKEN & COMPANY, its successors in interest and assigns, the entire right, title, and interest in, to, and under said

- 1. Right to apply for Letters Patent for the invention, or any portion thereof, in the United States (hereinafter referred to as "Domestic Applications"):
- 2. Right to apply for Letters Patent or the legal equivalent for the Invention, or any portion thereof, in any country or countries foreign to the United States (hereinafter referred to as "International Applications"), including, but not limited to, the right to claim priority to any Domestic Application;
- 3. All rights in, to, and under the above-referenced Patent Application, including, but not limited to.
 - (i) Any continuations, divisionals, continuations-in-part, or any other applications claiming priority to the above-referenced Patent Application, and,
 - (ii) The right to file application(s) for Letters Patent or the legal equivalent thereof, in any country or countries foreign to the United States and claim priority to the above-referenced Patent Application; and
- 4. All rights in, to, and under any Letters Patent, or legal equivalent, including all reissues or extensions thereof, that may be issued or granted on such Domestic Applications, International Applications, or the Patent Application, and the rights granted thereunder.

I/WE HEREBY authorize and request the Commissioner of Patents of the United States and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent and/or legal equivalents, as requested, for said Invention or portion of said Invention to, and vest all rights of ownership in, MILLIKEN & COMPANY, its successors in interest and assigns, in accordance with the terms of this instrument.

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AND I/WE HEREBY covenant that I/WE have full right to convey the entire interest herein assigned, and that I/WE have not executed, and will not execute, any agreement in conflict herewith.

AND I/WE HEREBY further covenant that I/WE will communicate to Milliken & Company, its successors in interest and assigns, any facts known to ME/US respecting said Invention, and testify in any legal proceeding, sign all and execute lawful papers (including any application, assignment, and/or power of attorney documents), make all rightful oaths, and generally do everything possible to aid Milliken & Company, its successors in interest and assigns, to obtain and enforce proper patent protection for said Invention in all countries.

IN TESTIMONY, WHEREOF, I/WE hereunto set our hands and seals on the date set forth below.

Richard A. Bittner Signature OT/10/2007 Date	STATE OF PENNSYLVANIA) COUNTY OF Troup Before me, a Notary Public in and for the State and County aforesaid, on the date specified below personally appeared the individual specified adjacent hereto and known to me to be the same individual, and who executed the foregoing assignment instrument and acknowledged that they executed same of their own free will for the purpose therein expressed. Notary Public Exp. 3-16-2011 Seal Date
Steven W. Cox Name Signature 7/11/07 Date	STATE OF SOUTH CAROLINA) COUNTY OF SPARTANBURG) Before me, a Notary Public in and for the State and County aforesaid, on the date specified below personally appeared the individual specified adjacent hereto and known to me to be the same individual, and who executed the foregoing assignment instrument and acknowledged that they executed same of their own free will for the purpose therein expressed. Notary Public Date MY COMMISSION EXPIRES DEC. 4, 2016
Ronald Magee Ronald Mague Signature 6/25/07.	STATE OF GEORGIA) COUNTY OF) Before me, a Notary Public in and for the State and County aforesaid, on the date specified below personally appeared the individual specified adjacent hereto and known to me to be the same individual, and who executed the foregoing assignment instrument and acknowledged that they executed same of their own free will for the purpose therein expressed.
/ Wate	Notary Public Seal Date

X Check here if there are additional pages with additional inventors (4 inventors in total).

	STATE OF GEORGIA) COUNTY OF	
Jonathan C. McCay Name May Hyn Jul Cy Signature	Before me, a Notary Public in and for the State and County aforesaid, on the date specified below personally appeared the individual specified adjacent hereto and known to me to be the same individual, and who executed the foregoing assignment instrument and acknowledged that they execute same of their own free will for the purpose therein expresses.	
0:25-0-7 Date	Notary Public Sea	
	Date	

REEL: 033116 FRAME: 0461