503051078 11/06/2014 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY	Y DATA				
		Name	Execution Date		
ALBEMARLE CORPO	ORATION		08/25/2014		
RECEIVING PARTY	DATA				
Name:	SI GROUF	SI GROUP, INC.			
Street Address:	2750 BALI	LTOWN ROAD			
City:	SCHENEC	SCHENECTADY			
State/Country:	NEW YOP	NEW YORK			
Postal Code:	12309	12309			
PROPERTY NUMBE					
Property Ty		Number	1		
Patent Number:	84!	55414	1		
	(70) ill be sent to the	03)647-5974 ne e-mail address first; if that is uns f that is unsuccessful, it will be sen			
Phone:	• •	3-647-5914			
Email:		chelle.Coleman@leclairryan.com			
Correspondent Nam		FFREY N. TOWNES			
Address Line 1:					
Address Line 2:		18 MILL ROAD, SUITE 1100			
Address Line 4:		EXANDRIA, VIRGINIA 22314			
ATTORNEY DOCKET	NUMBER:	29521.0013			
NAME OF SUBMITTE	÷R:	JEFFREY N. TOWNES			
SIGNATURE:		/Jeffrey N. Townes, Reg. No. 47,1	/Jeffrey N. Townes, Reg. No. 47,142/		
DATE SIGNED:		11/05/2014			
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WORLDWIDE PATENT ASSIGNMENT

WHEREAS, ALBEMARLE CORPORATION, residing at 451 Florida Street, Baton Rouge, Louisiana, 70801-1765, UNITED STATES OF AMERICA (hereinafter "ASSIGNOR"), is the owner of the entire right, title and interest in and to the patents and patent applications included in Appendix A hereto (hereinafter the "Patents").

AND, WHEREAS, **SI GROUP, INC**, a corporation organized under the laws of the State of **New York**, having a place of business located at 2750 Balltown Road Schenectady, NY 12309 (hereinafter "ASSIGNEE"), is desirous of acquiring ASSIGNOR's rights to the Patents;

NOW, THEREFORE, in exchange for good and valuable consideration, receipt of which is hereby acknowledged, ASSIGNOR does hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, ASSIGNOR's entire right, title and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto in and to the Patents, including all of ASSIGNOR's rights to any U.S. reexamination and reissue applications based on any of the Patents, and in and to any and all letters patent, including extensions thereof, of any country which have been or may be granted on any of the patent applications in the Patents or any foreign counterparts thereof;

AND ASSIGNOR, its successors, assigns and legal representatives, hereby authorizes ASSIGNEE and ASSIGNEE's agent, LeClairRyan, A Professional Corporation, whose address is 2318 Mill Road, Suite 1100, Alexandria, VA, 22314, to insert hereon any identification necessary or desirable for recordation of this document;

AND ASSIGNOR, its successors, assigns and legal representatives, hereby agrees to execute without further consideration any further reasonable documents and instruments which may be reasonably necessary, lawful and proper in the prosecution of said applications/patents or in the preparation or prosecution of any continuing, substitute, divisional, renewal, reexamination or reissue application or in any amendments, extensions, post-grant review, inter partes review or derivation proceedings, supplemental examination or interference proceedings, that may be necessary to secure to ASSIGNEE its interest and title in and to the Patents;

AND ASSIGNOR, to the extent ASSIGNOR has such right or authority, does hereby authorize and request the United States Commissioner for Patents to issue any and all letters patent which may be granted upon said United States applications in the Patents or any parts thereof when granted, to said ASSIGNEE.

IN WITNESS WHEREOF, I have hereunto set my hand and seal.

PATENT REEL: 034119 FRAME: 0609

ASSIGNEE

Signature of Officer:	Am	A Palle		
Officer's Name:	Tom	Masterson		
Officer's Title:	Gene	ral Counsel		
Company Name:	SI GROUP,	INC.		
Date of Execution:	August	+ 28, 2014		
County of Schenectady)) ss:				
State of New York) ss.				

On this <u>Agen</u> day of <u>August</u>, 2014, before me a Notary Public in and for the County and State aforesaid, personally appeared <u>1000 Mosterson</u>, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of his free act and deed.

Hichalesix Aary Pabl

(SEAL)

My Commission Expires

2018 ι

RENEE J MICHALISIN Notary Public, State of New York No. 01MI6216591 Qualified in Schenectady County Commission Expires January 19, 2018

[Signature Page to Worldwide Patent Assignment] PATENT REEL: 034119 FRAME: 0610

ASSIGNOR	11
	TRIA
Signature of Officer:	
Officer's Name:	David Klanecky
Officer's Title:	VP /
Company Name:	ALBEMARLE CORPORATION
Date of Execution:	August 25, 2014
County of)
State of) SS:

On this 25^{th} day of A_{transf} , 2014, before me a Notary Public in and for the County and State aforesaid, personally appeared $\underline{Dav-d}$ klanecky, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of his free act and deed.

(SEAL)

Notary Public My Commission Expires -+ dette

JEREMY J. KLIEBERT ATTORNEY AT LAW STATE OF LOUISIANA BAR ROLL #27535 EAST BATON ROUGE PARISH

[Signature Page to Worldwide Patent Assignment]

PATENT REEL: 034119 FRAME: 0611

APPENDIX A

"MACROMOLECULAR AMINEPHENOLIC ANTIOXIDANT COMPOSITIONS, PROCESS TECHNOLOGY THEREOF, AND USES THEREOF"

United States Patent Application No. 12/444,183 Filing date October 17, 2007 (Now US PATENT NO. 8,455,414)

Australian Patent application No. 2007311083 Filing date October 17, 2007

Australian Patent application No. 2007311085 Filing date October 17, 2007

Australian Patent application No. 2007311086 Filing date October 17, 2007

Brazilian Patent application No. PI0717811-5 Filing date October 17, 2007

Canadian Patent application No. 2,665,012 Filing date October 17, 2007

Chinese Patent application No. 200780038840.5 Filing date October 17, 2007

European Patent application No. 07854116.6 Filing date October 17, 2007

Eurasian Patent application No. 200970390 Filing date October 17, 2007 (NOW EA PATENT NO. 15929)

Armenian Patent No. 15929

Azerbaijan Patent No. 15929

Belarus Patent No. 15929

Kyrgyzstan Patent No. 15929

Kazakhstan Patent No. 15929

Moldova Patent No. 15929

Russian Patent No. 15929

Tajikistan Patent No. 15929

Turkmenistan Patent No. 15929

Indian Patent application No. 1744/CHENP/2009 Filing date October 17, 2007

Japanese Patent application No. 533498/09 Filing date October 17, 2007 (NOW JP PATENT NO. 5286271)

Japanese Patent application No. 533497/09 Filing date October 17, 2007

Korean Patent application No. 2009-7007824 Filing date October 17, 2007

PATENT REEL: 034119 FRAME: 0612 Singaporean Patent application No. 200902403-5 Filing date October 17, 2007 (NOW SG PATENT NO. 151636)

Taiwan Patent application No. 96138813 Filing date October 17, 2007 (NOW TW PATENT NO. I376362)

Taiwan Patent application No. 96138817 Filing date October 17, 2007

Taiwan Patent application No. 96138820 Filing date October 17, 2007