

## PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT5296458

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	HYOSUNG CORPORATION	09/21/2018
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	HYOSUNG ADVANCED MATERIALS CORPORATION	
<b>Street Address:</b>	119, MAPO-DAERO, MAPO-GU	
<b>City:</b>	SEOUL	
<b>State/Country:</b>	KOREA, REPUBLIC OF	
<b>Postal Code:</b>	04144	
<b>PROPERTY NUMBERS Total: 30</b>		
<b>Property Type</b>	<b>Number</b>	
Application Number:	09356150	
Application Number:	09517600	
Application Number:	09693971	
Application Number:	09972001	
Application Number:	09972002	
Application Number:	10012420	
Application Number:	10032558	
Application Number:	10077506	
Application Number:	10116752	
Application Number:	10214941	
Application Number:	10320089	
Application Number:	10371354	
Application Number:	10481105	
Application Number:	10481474	
Application Number:	10763543	
Application Number:	10833846	
Application Number:	10870115	
Application Number:	10874308	
Application Number:	10874222	
Application Number:	11064299	

Property Type	Number
Application Number:	11266253
Application Number:	11290425
Application Number:	11496487
Application Number:	11812854
Application Number:	11886298
Application Number:	11979885
Application Number:	12591394
Application Number:	15100424
Application Number:	15102115
Application Number:	15513691

**CORRESPONDENCE DATA**

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**ATTORNEY DOCKET NUMBER:** 08255.0197US01

**NAME OF SUBMITTER:** ALEXANDER J. KIM

**SIGNATURE:** /Alexander J. Kim/

**DATE SIGNED:** 12/21/2018

**Total Attachments: 5**

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CORPORATION TO CORPORATION ASSIGNMENT

WHEREAS HYOSUNG CORPORATION, a corporate duly organized under the laws of Republic of Korea and has a head office at 119, Mapo-daero, Mapo-gu, Seoul, 04144, Republic of Korea and a research center at 183, Hoggye-dong, Dongan-ku, Anyang-si, Kyonggi-do, 431-080, Republic of Korea, and both addresses of said corporate are legal addresses of Hyosung Corporation (hereinafter referred to as the "ASSIGNOR"), has acquired by assignment interest in the U.S. patent applications and patents listed in Schedule A annexed hereto (collectively referred to as the "PATENTS");

AND WHEREAS, HYOSUNG ADVANCED MATERIALS CORPORATION, a corporation organized under the laws of Republic of Korea and having an office and place of business at 119, Mapo-daero, Mapo-gu, Seoul, 04144, Republic of Korea (hereinafter referred to as "ASSIGNEE"), wishes to acquire the right, title and interest in and to said PATENTS and any U.S. Letters Patent to be obtained therefore;

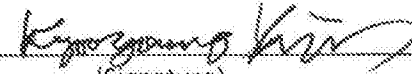
NOW, THEREFORE, for and in consideration of the sum of One Dollar and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the ASSIGNOR hereby sell, assign and transfer to the above ASSIGNEE, their successors and assigns, the right, title and interest in the United States in and to the inventions disclosed in the aforesaid PATENTS, and in and to the said application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents and the ASSIGNOR hereby authorize and request the Commissioner of Patents to issue any and all United States Letters Patent for the aforesaid inventions to the ASSIGNOR of the right, title and interest in and to the same, for the use of the ASSIGNEE, their successors and assigns.

THE ASSIGNOR represents and agrees 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 or will be made to others by the ASSIGNOR, and that full right to convey the same as herein expressed is possessed by the ASSIGNOR.

IN TESTIMONY WHEREOF, the ASSIGNOR have hereunto set their hand on the date indicated below.

HYOSUNG CORPORATION (Name of Assignor)

Date September 21, 2018

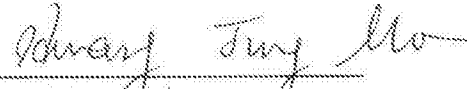
By:   
(Signature)

Name: Kyo Young, KIM  
(Printed)

Title: CEO  
Authorized to act on behalf of the ASSIGNOR  
HYOSUNG CORPORATION

HYOSUNG ADVANCED MATERIALS CORPORATION (Name of Assignee)

Date September 24, 2018

By:   
(Signature)

Name: Jung-Mo, HWANG  
(Printed)

Title: CEO  
Authorized to act on behalf of the ASSIGNEE  
HYOSUNG ADVANCED MATERIALS CORPORATION

SCHEDULE A

PATENTS

Application No.	Filing Date	Patent No.	Issue Date	Title
09/356,150	1999-07-19	6,295,798	2001-10-02	METHOD AND APPARATUS FOR MANUFACTURING STEEL CORD
09/517,600	2000-03-02	6,312,634	2001-11-06	PROCESS OF MAKING POLYESTER FIBERS
09/693,971	2000-10-23	6,425,549	2002-07-30	STEEL CORD TAKE-UP SPOOL
09/972,001	2001-10-04	6,641,765	2003-11-04	POLYESTER MULTIFILAMENT YARN
09/972,002	2001-10-04	6,511,747	2003-01-28	HIGH STRENGTH POLYETHYLENE NAPHTHALATE FIBER
10/012,420	2001-12-12	6,887,414	2005-05-03	METHOD FOR MANUFACTURING POLYESTER FIBERS
10/032,558	2002-01-02	6,878,326	2005-04-12	PROCESS FOR PREPARING INDUSTRIAL POLYESTER MULTIFILAMENT YARN
10/077,506	2002-02-15	6,627,310	2003-09-30	POLY (TRIMETHYLENE TEREPHTHALATE) BCF CARPET YARN WITH NONCIRCULAR CROSS SECTION AND METHOD FOR PREPARING THE SAME
10/116,752	2002-04-05	6,701,989	2004-03-09	RADIAL TIRE FOR AUTOMOBILE
10/214,941	2002-08-09	6,812,270	2004-11-02	PROCESS OF PRODUCING HIGHLY HOMOGENEOUS CELLULOSE SOLUTION
10/320,089	2002-12-16	7,029,611	2006-04-18	PROCESS OF MAKING POLY(TRIMETHYLENE TEREPHTHALATE) BULKED CONTINUOUS FILAMENT CARPET YARN
10/371,354	2003-02-20	6,759,123	2004-07-06	HIGH STRENGTH AND LOW SHRINKAGE POLYESTER YARN AND PROCESS FOR ITS PREPARATION
10/481,105	2003-12-18	7,214,727	2007-05-08	SOLUTION CONTAINING CELLULOSE DISSOLVED IN N-METHYLMORPHOLINE-N-OXIDE AND HIGH TENACITY LYOCCELL MULTIFILAMENT USING THE SAME
10/481,474	2003-12-18	7,097,344	2006-08-29	HOMOGENEOUS CELLULOSE

				SOLUTION AND HIGH TENACITY LYOCELL MULTIFILAMENT USING THE SAME
10/763,543	2004-01-23	6,955,854	2005-10-18	HIGH TENACITY POLYETHYLENE-2, 6-NAPHTHALATE FIBERS HAVING EXCELLENT PROCESSABILITY
10/833,846	2004-04-27	7,323,244	2008-01-29	LOW AND WEAKLY-INTERLACED POLYESTER MULTIFILAMENT YARN AND METHOD OF PRODUCING THE SAME
10/870,115	2004-06-17	7,056,461	2006-06-06	PROCESS OF MAKING POLYESTER MULTIFILAMENT YARN
10/874,308	2004-06-24	6,983,779	2006-01-10	CELLULOSE DIP CORD PRODUCED FROM HIGHLY HOMOGENEOUS CELLULOSE SOLUTION AND TIRE USING THE SAME
10/874,222	2004-06-24	6,902,804	2005-06-07	LYOCELL MULTIFILAMENT
11/064,299	2005-02-23	6,967,058	2005-11-22	POLYESTER MULTIFILAMENT YARN FOR RUBBER REINFORCEMENT AND METHOD OF PRODUCING THE SAME
11/266,253	2005-11-04	7,214,335	2007-05-08	SOLUTION CONTAINING CELLULOSE DISSOLVED IN N-METHYLMORPHOLINE-N-OXIDE AND HIGH TENACITY LYOCELL MULTIFILAMENT USING THE SAME
11/290,425	2005-12-01	7,506,391	2009-03-24	METHOD FOR PRODUCING LOW SHRINKAGE POLYAMIDE FIBER AND UNCOATED FABRIC FOR AIRBAGES MADE OF THE SAME
11/496,487	2006-08-01	7,566,496	2009-07-28	3-DIMENSION CRIMP POLYETHYLENETEREPHTHALATE MULTIFILAMENT FOR CARPET
11/812,854	2007-06-22	7,713,459	2010-05-11	CELLULOSE FIBER FOR USING AS INDUSTRIAL MATERIALS
11/886,298	2007-09-14	7,732,048	2010-06-08	CELLULOSE MULTI-FILAMENT
11/979,885	2007-11-09	7,560,061	2009-07-14	POLYAMIDE FIBER FOR UNCOATED AIRBAGS
12/591,394	2009-11-18	7,943,071	2011-05-17	POLYETHYLENE TEREPHTHALATE FILAMENT HAVING HIGH TENACITY FOR INDUSTRIAL USE
15/100,424	2016-05-31			Ballistic Cloth Using A Unidirectional-

				Oriented Aramid Sheet And Polyethylene Film And Method For Manufacturing The Same
15/102,115	2016-06-06	10,017,883	2018-07-10	Polyester Tire Cord With Excellent Dimensional Stability And Method For Manufacturing The Same
15/513,691	2017-03-23			METHOD FOR PREPARING POLYETHYLENE TEREPHTHALATE POLYMER, POLYETHYLENE TEREPHTHALATE POLYMER YARN AND CAR MAT COMPRISING THE SAME