

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT2711967

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---------------------------|---------------|-----------------------|---------------------|---------------|-------------------|---------------------------|---------------|------------|----------------|--------------------|----------------|------------|---------------|------------|--------------|------------|----------------|------------|------------|------------|---------------|------------|-----------------|------------|-----------------|------------|--------------|------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr><td>JI-YUN KWON</td><td>01/20/2014</td></tr> <tr><td>JONG-HWA LEE</td><td>01/20/2014</td></tr> <tr><td>HYUN-YONG CHO</td><td>01/20/2014</td></tr> <tr><td>DAE-YUN KIM</td><td>01/20/2014</td></tr> <tr><td>SANG-KYEON KIM</td><td>01/20/2014</td></tr> <tr><td>SANG-KYUN KIM</td><td>01/20/2014</td></tr> <tr><td>SANG-SOO KIM</td><td>01/20/2014</td></tr> <tr><td>EUN-KYUNG YOON</td><td>01/20/2014</td></tr> <tr><td>JUN-HO LEE</td><td>01/20/2014</td></tr> <tr><td>JIN-YOUNG LEE</td><td>01/20/2014</td></tr> <tr><td>HWAN-SUNG CHEON</td><td>01/20/2014</td></tr> <tr><td>CHUNG-BEOM HONG</td><td>01/20/2014</td></tr> <tr><td>EUN-HA HWANG</td><td>01/20/2014</td></tr> </tbody> </table> | | Name | Execution Date | JI-YUN KWON | 01/20/2014 | JONG-HWA LEE | 01/20/2014 | HYUN-YONG CHO | 01/20/2014 | DAE-YUN KIM | 01/20/2014 | SANG-KYEON KIM | 01/20/2014 | SANG-KYUN KIM | 01/20/2014 | SANG-SOO KIM | 01/20/2014 | EUN-KYUNG YOON | 01/20/2014 | JUN-HO LEE | 01/20/2014 | JIN-YOUNG LEE | 01/20/2014 | HWAN-SUNG CHEON | 01/20/2014 | CHUNG-BEOM HONG | 01/20/2014 | EUN-HA HWANG | 01/20/2014 |
| Name | Execution Date | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JI-YUN KWON | 01/20/2014 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JONG-HWA LEE | 01/20/2014 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HYUN-YONG CHO | 01/20/2014 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| DAE-YUN KIM | 01/20/2014 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SANG-KYEON KIM | 01/20/2014 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SANG-KYUN KIM | 01/20/2014 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SANG-SOO KIM | 01/20/2014 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EUN-KYUNG YOON | 01/20/2014 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JUN-HO LEE | 01/20/2014 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| JIN-YOUNG LEE | 01/20/2014 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| HWAN-SUNG CHEON | 01/20/2014 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CHUNG-BEOM HONG | 01/20/2014 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EUN-HA HWANG | 01/20/2014 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <tr><td>Name:</td><td>CHEIL INDUSTRIES INC.</td></tr> <tr><td>Street Address:</td><td>58 GUMI-DAERO</td></tr> <tr><td>Internal Address:</td><td>GUMI-SI, GYEONGSANGBUK-DO</td></tr> <tr><td>City:</td><td>GUMI-SI</td></tr> <tr><td>State/Country:</td><td>KOREA, REPUBLIC OF</td></tr> <tr><td>Postal Code:</td><td>730-710</td></tr> </table> | | Name: | CHEIL INDUSTRIES INC. | Street Address: | 58 GUMI-DAERO | Internal Address: | GUMI-SI, GYEONGSANGBUK-DO | City: | GUMI-SI | State/Country: | KOREA, REPUBLIC OF | Postal Code: | 730-710 | | | | | | | | | | | | | | | | |
| Name: | CHEIL INDUSTRIES INC. | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Street Address: | 58 GUMI-DAERO | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Internal Address: | GUMI-SI, GYEONGSANGBUK-DO | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| City: | GUMI-SI | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| State/Country: | KOREA, REPUBLIC OF | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Postal Code: | 730-710 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14236971</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 14236971 | | | | | | | | | | | | | | | | | | | | | | | | |
| Property Type | Number | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Application Number: | 14236971 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Fax Number: | (704)945-6735 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Phone: 704-945-6700
Email: docket@ahpapatent.com
Correspondence will be sent via US Mail when the email attempt is unsuccessful.
Correspondent Name: MELISSA B. PENDLETON
Address Line 1: 11610 N. COMMUNITY HOUSE ROAD
Address Line 2: SUITE 200
Address Line 4: CHARLOTTE, NORTH CAROLINA 28277

| | |
|-------------------------|----------|
| ATTORNEY DOCKET NUMBER: | 7020.169 |
|-------------------------|----------|

| | |
|--------------------|----------------------|
| NAME OF SUBMITTER: | MELISSA B. PENDLETON |
|--------------------|----------------------|

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|------------|------------------------|
| Signature: | /Melissa B. Pendleton/ |
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| Date: | 02/04/2014 |
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| Total Attachments: 6 source=AssignmentsUSPTO#page1.tif source=AssignmentsUSPTO#page2.tif source=AssignmentsUSPTO#page3.tif source=AssignmentsUSPTO#page4.tif source=AssignmentsUSPTO#page5.tif source=AssignmentsUSPTO#page6.tif |
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RECORDATION FORM COVER SHEET
PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

- | | |
|-------------------|---------------------|
| 1) JI-YUN KWON | 8) EUN-KYUNG YOON |
| 2) JONG-HWA LEE | 9) JUN-HO LEE |
| 3) HYUN-YONG CHO | 10) JIN-YOUNG LEE |
| 4) DAE-YUN KIM | 11) HWAN-SUNG CHEON |
| 5) SANG-KYEON KIM | 12) CHUNG-BEOM HONG |
| 6) SANG-KYUN KIM | 13) EUN-HA HWANG |
| 7) SANG-SOO KIM | |

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: Cheil Industries Inc.

Internal Address: _____

Street Address: 58 Gumi-daero

City: Gumi-si

State: Gyeongsangbuk-do

Country: South Korea Zip: 730-710

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) January 20, 2014

- | | |
|---|---|
| <input checked="" type="checkbox"/> Assignment | <input type="checkbox"/> Merger |
| <input type="checkbox"/> Security Agreement | <input type="checkbox"/> Change of Name |
| <input type="checkbox"/> Joint Research Agreement | |
| <input type="checkbox"/> Government Interest Assignment | |
| <input type="checkbox"/> Executive Order 9424, Confirmatory License | |
| <input type="checkbox"/> Other _____ | |

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

14/236,971

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Additon, Higgins, Pendleton & Ashe, P.A.

Internal Address: _____

Street Address: 11610 N. Community House
Road, Suite 200

City: Charlotte

State: NC Zip: 28277-2199

Phone Number: 704-945-6700

Fax Number: 704-945-6735

Email Address: _____

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☒ Authorized to be charged by credit card
☐ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number _____

Authorized User Name _____

9. Signature: /Melissa B. Pendleton/

February 4, 2014

Signature

Date

Melissa B. Pendleton

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 6

ASSIGNMENT

WHEREAS, I, **Ji-Yun KWON**, a Korean citizen, with a mailing address of Cheil Industries Inc., 56 Gosan-ro, Uiwang-si, Gyeonggi-do, Republic of Korea; **Jong-Hwa LEE**, a Korean citizen, with a mailing address of Cheil Industries Inc., 56 Gosan-ro, Uiwang-si, Gyeonggi-do, Republic of Korea; **Hyun-Yong CHO**, a Korean citizen, with a mailing address of Cheil Industries Inc., 56 Gosan-ro, Uiwang-si, Gyeonggi-do, Republic of Korea; **Dae-Yun KIM**, a Korean citizen, with a mailing address of Cheil Industries Inc., 56 Gosan-ro, Uiwang-si, Gyeonggi-do, Republic of Korea; **Sang-Kyeon KIM**, a Korean citizen, with a mailing address of Cheil Industries Inc., 56 Gosan-ro, Uiwang-si, Gyeonggi-do, Republic of Korea; **Sang-Kyun KIM**, a Korean citizen, with a mailing address of Cheil Industries Inc., 56 Gosan-ro, Uiwang-si, Gyeonggi-do, Republic of Korea; **Sang-Soo KIM**, a Korean citizen, with a mailing address of Cheil Industries Inc., 56 Gosan-ro, Uiwang-si, Gyeonggi-do, Republic of Korea; **Eun-Kyung YOON**, a Korean citizen, with a mailing address of Cheil Industries Inc., 56 Gosan-ro, Uiwang-si, Gyeonggi-do, Republic of Korea; **Jun-Ho LEE**, a Korean citizen, with a mailing address of Cheil Industries Inc., 56 Gosan-ro, Uiwang-si, Gyeonggi-do, Republic of Korea; **Jin-Young LEE**, a Korean citizen, with a mailing address of Cheil Industries Inc., 56 Gosan-ro, Uiwang-si, Gyeonggi-do, Republic of Korea; **Hwan-Sung CHEON**, a Korean citizen, with a mailing address of Cheil Industries Inc., 56 Gosan-ro, Uiwang-si, Gyeonggi-do, Republic of Korea; **Chung-Beom HONG**, a Korean citizen, with a mailing address of Cheil Industries Inc., 56 Gosan-ro, Uiwang-si, Gyeonggi-do, Republic of Korea; and **Eun-Ha HWANG**, a Korean citizen, with a mailing address of Cheil Industries Inc., 56 Gosan-ro, Uiwang-si, Gyeonggi-do, Republic of Korea (hereinafter referred to as "ASSIGNOR"), am a joint inventor of certain new

and useful improvements (hereinafter collectively referred to as "INVENTION") in *Positive Photosensitive Resin Composition*, for which an application for United States Letters Patent is being filed concurrently herewith and which application claims priority from an International Application filed on July 17, 2012, under Serial No. PCT/KR2012/005691 and a Korean application filed on December 30, 2011, under Serial No. 10-2011-0147877, all applications listed above being hereinafter referred to as the "APPLICATION"; and

WHEREAS, Cheil Industries Inc., a Korean corporation (hereinafter referred to as "ASSIGNEE"), having a principal place of business at 58 Gumi-daero, Gumi-si, Gyeongsangbuk-do 730-710, Republic of Korea, has acquired the equitable right, title, and interest—and is desirous of acquiring any remaining right, title, and interest—in and to said INVENTION as described in said APPLICATION, and in and to any and all Letters Patent that shall be granted with respect to said INVENTION in the United States of America and all foreign countries;

NOW, THEREFORE, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, have sold, assigned, transferred, and conveyed unto said ASSIGNEE, its successors and assigns, my equitable right, title, and interest—and by these presents do hereby sell, assign, transfer, and convey unto said ASSIGNEE, its successors and assigns any remaining right, title, and interest—in and to said INVENTION and APPLICATION, in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues, reexaminations, or extensions thereof that may be granted therefore or thereon, for the full term for which said Letters Patent may be granted, together with the right to claim the priority of said APPLICATION

in all foreign countries in accordance with international treaties and conventions, the same to be held and enjoyed by said ASSIGNEE, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me if an assignment and sale had not been made.

I acknowledge that at the time the INVENTION was made, the INVENTION was subject to an obligation of assignment to said ASSIGNEE. I further acknowledge that said ASSIGNEE has the sole right to determine patent prosecution strategies with respect to said INVENTION and all corresponding applications, and hereby request that Letters Patent be issued in accordance with this assignment.

I further covenant and agree to bind my heirs, legal representatives, and assigns, promptly to communicate to said ASSIGNEE or its representatives any facts known to me relating to said INVENTION, to testify in any interference or legal proceedings involving said INVENTION, to execute any additional papers that may be requested to confirm the right of the ASSIGNEE, its representatives, successors or assigns to secure patent or similar protection for said INVENTION in all countries and to vest in the ASSIGNEE complete title to said INVENTION and Letters Patent, without further compensation, but at the expense of said ASSIGNEE, its successors, assigns and other legal representatives.

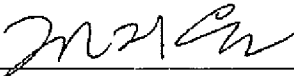
As the below named inventor, I hereby declare:

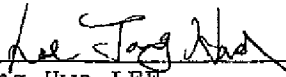
The application for United States Letters Patent being filed concurrently herewith was made or authorized to be made by me.


I believe that I am the original or an original joint inventor of a claimed invention in the application.

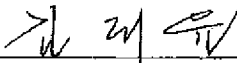
I hereby acknowledge that any willful false statement made in the declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.


IN WITNESS WHEREOF, I have hereunto signed my name on the
day and year set forth below.


January 20, 2014 
Ji-Yun KWON

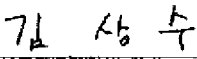
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Jong-Hwa LEE

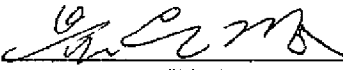
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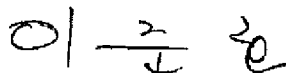
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Dae-Yun KIM

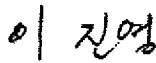
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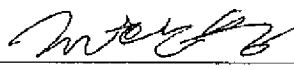
January 20, 2014 
Sang-Kyun KIM

January 20, 2014 
Sang-Soo KIM

January 20, 2014 
Eun-Kyung YOON

January 20, 2014 
Jun-Ho LEE

January 20, 2014 
Jin-Young LEE

January 20, 2014 
Hwan-Sung CHEON

January 20, 2014

홍병범
Chung-Beom HONG

January 20, 2014

황은하
Eun-Ha HWANG