503042611 10/31/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3089210

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------|----------------|
| JE-HUN PARK | 10/27/2014 |
| JAE-HOON KANG | 10/27/2014 |
| SEUNG-SU AHN | 10/27/2014 |
| SUNG-HYUN KIM | 10/28/2014 |
| JUNG-WOOK KIM | 10/28/2014 |
| SUNG-GU LEE | 10/28/2014 |
| SUN-YONG AHN | 10/28/2014 |
| DONG-BOK PARK | 10/28/2014 |

RECEIVING PARTY DATA

| Name: | KORLOY INC. |
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| City: | SEOUL |
| State/Country: | KOREA, REPUBLIC OF |
| Postal Code: | 153-823 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14398127 |

CORRESPONDENCE DATA

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Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

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Email:mail@revolutioniplaw.comCorrespondent Name:REVOLUTION IP, PLLCAddress Line 1:5234 CAPON HILL PLACEAddress Line 4:BURKE, VIRGINIA 22015

| ATTORNEY DOCKET NUMBER: | 2170-021 |
|-------------------------|-----------------|
| NAME OF SUBMITTER: | HYUN YONG LEE |
| SIGNATURE: | /Hyun Yong Lee/ |
| DATE SIGNED: | 10/31/2014 |
| | PATENT |

503042611 REEL: 034076 FRAME: 0914

This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 6

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PATENT REEL: 034076 FRAME: 0915

Attorney Docket No.: 2170-021 Client Docket No.: F14P1031US

ASSIGNMENT SERVING AS DECLARATION PER 37 C.F.R. § 1.63(e)

| Title of Invention: | HARD COATING FOR CUTTING TOOL |
|------------------------|--|
| As a | below named inventor and Assignor, I declare that: |
| This | assignment and declaration are directed to: |
| | The attached application, or |
| | United States application or PCT international application number PCT/KR2013/002188 filed on March 18, 2013 |

The above-identified Application was made or authorized to be made by me.

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

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

Whereas, Assignor has invented certain new and useful processes, machines, articles of manufacture, compositions of matter, and/or improvements thereof ("Invention") disclosed in the Application.

Whereas, Assignor desires to convey all rights, titles, and interests in and to the same to:

KORLOY INC.

953-1, Doksan-dong, Geumcheon-gu, Seoul 153-823, Republic of Korea

KORLOY INC. herein further referred to as ("Assignee").

Now, for valuable consideration by Assignee to Assignor, the receipt of which is hereby acknowledged, and for other good and valuable consideration, Assignee and Assignor hereby agree as follows:

Assignor hereby conveys, assigns, sells and transfers to Assignee all rights, title and interests in and to the Invention disclosed in said application and in and to any Letters Patent of the United States (US), any continuation, division, renewal, or substitute thereof, and hereby grant to Assignee the right to apply in its own name for patents or Inventor's certificates and related rights heretofore or hereafter filed for the Invention in any and all countries, including (without limitation) all rights to claim priority

REVOLUTION IP, PLLC

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Attorneys At Law

Attorney Docket No.: 2170-021 Client Docket No.: F14P1031US

based thereon, all patents granted thereon and all reissues, extensions and renewals thereof.

Assignor hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

Assignor further covenants that Assignee will, upon Assignee's request, be provided promptly with all perlinent facts and documents relating to the Invention, Patent, Application and any patents granted thereon, as may be known and accessible to Assignor, and Assignor will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to Assignee or Assignee's legal representative any and all papers, instruments or affidavits required to apply for, protect, obtain, maintain, issue, defend and enforce the Application, Patent, Invention, whether in the US or any and all foreign countries and any patents granted thereon and/or for obtaining any reissue or reissues of any patent which may be granted for the invention and perform such further acts which may be necessary or desirable to carry out the intent of this agreement as the Assignee thereof shall hereafter require and prepare at assignee's expense.

IN WITNESS WHEREOF, Inventor and Assignor has hereunto set hand and seals

| First inventor's and Assignor's Name: | PARN, Je-nun |
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| First Inventor's and Assignor's Signature: | Hart. |
| Date: | 2014 - 10 - 21 |

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| | |
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| REVOLUTION IF, FLLC Attorneys At Law | Afterney Docket No.: 2170-021 Client Docket No.: F14P1031US | |
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| Date: | 2014. 10 · 28 | |
| | *************************************** | |

| KEVOLUTION IP, PLLC Attorneys At Law | Attorney Docket No.: 2170-021 Client Docket No.: F14P1031US |
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| | 2014. 19 28 |
| Date; | |
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| REVOLUTION IP, I | PLLC | Attorney Docket No.: 2170-021 Client Docket No.: F14P1031US |
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| Eighth Inventor's ar Signature: | nd Assignor's | <u>P.B. Parc</u> |
| Date; | | 2014, 10, A |

RECORDED: 10/31/2014