

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
LEI XIAO	04/25/2016
CHENGWAN GONG	04/25/2016
JIANTAO ZHAO	04/25/2016
JINBIN YANG	04/25/2016
YANHUA NING	04/25/2016
YUNFENG GAO	04/25/2016

**RECEIVING PARTY DATA**

<b>Name:</b>	HAN'S LASER TECHNOLOGY INDUSTRY GROUP CO., LTD.
<b>Street Address:</b>	HAN'S LASER BUILDING
<b>Internal Address:</b>	NO. 9988 SHENNAN AVENUE
<b>City:</b>	NANSHAN DISTRICT, SHENZHAN, GUANGDONG
<b>State/Country:</b>	CHINA
<b>Postal Code:</b>	518057
<b>Name:</b>	HAN'S CNC TECHNOLOGY CO., LTD.
<b>Street Address:</b>	HAN'S LASER BUILDING
<b>Internal Address:</b>	NO. 9988 SHENNAN AVENUE
<b>City:</b>	NANSHAN DISTRICT, SHENZHAN, GUANGDONG
<b>State/Country:</b>	CHINA
<b>Postal Code:</b>	518057

**PROPERTY NUMBERS Total: 1**

Property Type	Number
<b>Application Number:</b>	15034127

**CORRESPONDENCE DATA**

**Fax Number:** (781)863-9931

*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.*

**Phone:** 7818639991

**Email:** iris.fennell@houstonllp.com

**Correspondent Name:** J. GRANT HOUSTON

**Address Line 1:** HOUSTONHOGLE, LLP

PATENT

<b>Address Line 2:</b>	1666 MASSACHUSETTS AVENUE, SUITE 12
<b>Address Line 4:</b>	LEXINGTON, MASSACHUSETTS 02420

<b>ATTORNEY DOCKET NUMBER:</b>	0315.0017US1/ASP15878741U
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<b>NAME OF SUBMITTER:</b>	J. GRANT HOUSTON
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<b>SIGNATURE:</b>	/grant houston/
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<b>DATE SIGNED:</b>	05/04/2016
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**Total Attachments: 4**

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**PATENT**

**ATTORNEY DOCKET: 0315.0017US1 (ASP15878741US)**

**ASSIGNMENT**

Whereas we, the undersigned,

**Lei Xiao**, a citizen of the People's Republic of China, with a mailing address of No. 9, Xinx Road, Hi-Tech Industrial Park, Northern Section, Nanshan District, Shenzhen, Guangdong 518057 China;

**Chengwan Gong**, a citizen of the People's Republic of China, with a mailing address of No. 9, Xinx Road, Hi-Tech Industrial Park, Northern Section, Nanshan District, Shenzhen, Guangdong 518057 China;

**Jiantao Zhao**, a citizen of the People's Republic of China, with a mailing address of No. 9, Xinx Road, Hi-Tech Industrial Park, Northern Section, Nanshan District, Shenzhen, Guangdong 518057 China;

**Jinbin Yang**, a citizen of the People's Republic of China, with a mailing address of No. 9, Xinx Road, Hi-Tech Industrial Park, Northern Section, Nanshan District, Shenzhen, Guangdong 518057 China;

**Yanhua Ning**, a citizen of the People's Republic of China, with a mailing address of No. 9, Xinx Road, Hi-Tech Industrial Park, Northern Section, Nanshan District, Shenzhen, Guangdong 518057 China; and

**Yunfeng Gao**, a citizen of the People's Republic of China, with a mailing address of No. 9, Xinx Road, Hi-Tech Industrial Park, Northern Section, Nanshan District, Shenzhen, Guangdong 518057 China;

hereby have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled

**RADIALLY POLARIZED THIN DISK LASER**

identified as Attorney Docket No. **0315.0017US1 (ASP15878741US)**, which application was filed on **November 22, 2013**, and assigned International Application No. **PCT/CN2013/087687**, and was also filed in the U.S. Patent Office on May 3, 2016, and assigned Application No. 15/034,127. In the event that the execution date, filing date and/or Application No. are not entered above at the time we execute this document, and if such information is deemed necessary, we hereby authorize and request our attorneys at HOUSTONHOGLE LLP, 1666 Massachusetts Avenue, Suite 12, Lexington, MA 02420, USA to insert above the execution date, filing date and/or Application No. of said application; and

Whereas, **HAN'S LASER TECHNOLOGY INDUSTRY GROUP CO., LTD.**, having an office and a place of business at Han's Laser Building, No. 9988 Shennan Avenue, Nanshan District, Shenzhen, Guangdong 518057 China, and **HAN'S CNC TECHNOLOGY CO., LTD.**,

PATENT

ATTORNEY DOCKET: 0315.0017US1 (ASP15878741US)

having an office and a place of business at Han's Laser Building, No. 9988 Shennan Avenue, Nanshan District, Shenzhen, Guangdong 518057 China, and which, together with their successors and assigns, are hereinafter called "Assignees," are desirous of acquiring the title, rights, benefits and privileges hereinafter recited;

Now, therefore, for valuable consideration furnished by Assignees to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

1. Assign, transfer and convey to Assignees the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, continuation-in-part, reissue and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;

2. Authorize Assignees to file patent applications in any or all countries on any or all of said inventions and discoveries in our names or in the names of Assignees or otherwise as Assignees may deem advisable, under the International Convention or otherwise;

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignees, as assignees of the entire right, title and interest therein or otherwise as Assignees may direct;

4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignees without encumbrance;

5. Bind our heirs, legal representatives and assigns, as well as ourselves, to do, upon Assignees' request and at Assignees' expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications and the said Letters Patent shall be held and enjoyed by Assignees as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignees all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignees; to communicate to Assignees all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignees with any and all documents, photographs, models, samples and other physical exhibits in our control or in the control of our

PATENT

ATTORNEY DOCKET: 0315.0017US1 (ASP15878741US)

heirs, legal representatives or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which we have executed this Assignment on the date indicated next to our name.

Dated: April 25, 2016


  
Lei Xiao

I declare that I did see the above-named individual sign this document in my presence.

Witness: 余强

Date: April 25, 2016

Dated: April 25, 2016

  
Chengwan Gong

I declare that I did see the above-named individual sign this document in my presence.

Witness: 余强

Date: April 25, 2016

Dated: April 25, 2016

  
Jiantao Zhao

I declare that I did see the above-named individual sign this document in my presence.

Witness: 余强

Date: April 25, 2016

PATENT  
ATTORNEY DOCKET: 0315.0017US1 (ASP15878741US)

Dated: April 25, 2016

杨锦彬  
Jinbin Yang

I declare that I did see the above-named  
individual sign this document in my presence.

Witness: 余浩

Date: April 25, 2016

Dated: April 25, 2016

严华宁  
Yanhua Ning

I declare that I did see the above-named  
individual sign this document in my presence.

Witness: 余浩

Date: April 25, 2016

Dated: April 25, 2016

高云丰  
Yunfeng Gao

I declare that I did see the above-named  
individual sign this document in my presence.

Witness: 余浩

Date: April 25, 2016