### 506819146 08/16/2021

### PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
JIANPENG GUO	02/24/2020
TOSHINARI YAMAOKA	02/24/2020
FANGJIE NIE	02/24/2020
QI ZHANG	02/24/2020
ZONGJING LI	02/24/2020
FEI WANG	02/24/2020
LANXI XU	02/24/2020

#### **RECEIVING PARTY DATA**

Name:	NANJING CHERVON INDUSTRY CO., LTD.
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Internal Address:	JIANGNING ECONOMIC & TECHNICAL DEVELOPEMENT ZONE
City:	NANJING
State/Country:	CHINA
Postal Code:	211106

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17402976

#### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	78873.386US3
NAME OF SUBMITTER:	KEITH R. JAROSIK
SIGNATURE:	/Keith R. Jarosik/

PATENT 506819146 REEL: 057189 FRAME: 0226

DATE SIGNED:	08/16/2021	
Total Attachments: 9		
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PATENT REEL: 057189 FRAME: 0227

## PATENT ASSIGNMENT AND DECLARATION

WHEREAS, we, Jianpeng GUO of No. 99 Tianyuan West Road, Jiangning Economic & Technical Development Zone, Nanjing, Jiangsu Province 211106, P.R. China; Toshinari YAMAOKA of No. 99 Tianyuan West Road, Jiangning Economic & Technical Development Zone, Nanjing, Jiangsu Province 211106, P.R. China; Fangjie NIE of No. 99 Tianyuan West Road, Jiangning Economic & Technical Development Zone, Nanjing, Jiangsu Province 211106, P.R. China; Qi ZHANG of No. 99 Tianyuan West Road, Jiangning Economic & Technical Development Zone, Nanjing, Jiangsu Province 211106, P.R. China; Zongjing LI of No. 99 Tianyuan West Road, Jiangning Economic & Technical Development Zone, Nanjing, Jiangsu Province 211106, P.R. China; Fei WANG of No. 99 Tianyuan West Road, Jiangning Economic & Technical Development Zone, Nanjing, Jiangsu Province 211106, P.R. China; and Lanxi XU of No. 99 Tianyuan West Road, Jiangning Economic & Technical Development Zone, Nanjing, Jiangsu Province 211106, P.R. China; have invented a certain new and useful invention entitled GRASS TRIMMING HEAD AND GRASS TRIMMER HAVING THE SAME for which a patent application has been prepared for filing with the United States Patent & Trademark Office, which has been assigned application number 16/

### I. ASSIGNMENT

NOW THEREFORE, be it known that for good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, I, hereby sell and assign to NANJING CHERVON INDUSTRY CO., LTD., ("Assignee"), a Chinese corporation, having its principal place of business at No. 529 Jiangjun Road, Jiangning Economic & Technical Development Zone, Nanjing, Jiangsu Province 211106, P. R. C., its successors, assigns, nominees, or other legal representatives, the entire right, title, and interest in and to the invention invented by me, and the application for United States patent therefor, the declaration, and all original and reissued patents granted therefor, and all divisions and continuations thereof, including the subject-matter of any and all claims which may be obtained in every such patent, and the right to apply for and obtain patents and Utility Model Registrations which may be granted thereon in such foreign countries, and authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any other country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue said Letters Patent or Utility Model Registration to the said Assignee, its successor, assigns, nominees, or other legal representatives, as assignee of the entire interest herein assigned. I covenant that I have not executed and will not execute any agreement in conflict herewith and agree that I will communicate to said Assignee, its successors, assigns, nominees, or other legal representatives, all facts known to me respecting said invention, whenever requested, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths, and do all lawful acts requisite for the application for such divisional, continuing, or reissue applications, or the procuring thereof, and that if and when said Assignee, its successors, assigns, nominees, or other legal representatives desire to file a disclaimer relating thereto, I will, upon request, sign all lawful papers requisite for the filing of such disclaimer. I further covenant and agree that I will, at any time upon request, do

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everything legally possible to aid said Assignee, its successors, assignees, nominees, or other legal representatives, either in its or their own names, to apply for, obtain, and enforce proper patent and/or Utility Model protection for said invention in all countries, all without further consideration but at the expense of said Assignee, its successors, assigns, nominees, or other legal representatives.

ASSIGNOR hereby grants to the law firm of GREENBERG TRAURIG, LLP of Chicago, Illinois, authority and power to insert on this instrument any further identification which may be necessary or desirable for purposes of recordation in the United States Patent Office or the Patent Office of any foreign country.

Tinghui Zhang (printed name)

Inventor 1	
As the below named inventor, I hereby	declare that:
This declaration is directed to:	
the attached application, or	· · · · · · · · · · · · · · · · · · ·
United States application or PCT	international application number
<b>16/</b> filed on	, 2020.
The above-identified application was m	ade or authorized to be made by me.
I believe that I am the original inventorinvention in the application.	or or an original joint inventor of a claimed
I hereby acknowledge that any willful to punishable under 18 U.S.C. 1001 by fine of years, or both.	false statement made in this declaration is r imprisonment of not more than five (5)
I hereby state that I have reviewed an identified application, including the claims; an U.S. Patent and Trademark Office all informatentability as defined in 37 CFR 1.56, inclimaterial information which became available application and the national or PCT International application.	mation known by me to be material to uding for continuation-in-part applications, le between the filing date of the prior
February , 2020.	hereunto set my hand this 24th day of
7 22	Jianpeng GUO (signature)
Witness: 大师美人、	
(signature)	

Inventor 2	
As the below named inventor, I hereby dec	lare that
This declaration is directed to:	one orac.
the attached application, or	
X United States application or PCT inte	ernational application
<u>16/</u> filed on	
The above-identified application was made of a least the second of the least the second of the application.	or authorized to be made by me
I hereby acknowledge that any willful false s punishable under 18 U.S.C. 1001 by fine or impr years, or both.	
I hereby state that I have reviewed and uncidentified application, including the claims; and I am U.S. Patent and Trademark Office all information patentability as defined in 37 CFR 1.56, including the material information which became available bet application and the national or PCT International fill application.	n known by me to be material to
February , 2020.	nto set my hand this 4th day of
Witness: Zhill Toshi  (signature)  Tinghui Zhang (printed name)	imari Yamada inari YAMAOKA (signature)

Inventor 3			
As the below named	inventor, I hereby decla	ire that:	
This declaration is di			
the attached ap	pplication, or		
		ational application numbe	
16/	filed on	. 2020	
		r authorized to be made by	V mo
I believe that I am the invention in the application.	e original inventor or ar	n original joint inventor of	a claimed
I hereby acknowledge punishable under 18 U.S.C. years, or both.	that any willful false st . 1001 by fine or impris	tatement made in this dec sonment of not more tha	laration is
I hereby state that I hidentified application, including U.S. Patent and Trademark patentability as defined in 37 material information which application and the national application.	C Office all information 7 CFR 1.56, including for	or continuation-in-part app	ose to the laterial to plications
February, 2020.	REOF, I have hereun	to set my hand this $\frac{24}{3}$	day of
Witness: 3 3 3 3 3 (signature)	Fangji	ie NIE (signature)	
Tinghui Zhang (printed name)			

Inventor 4	
As the below named inventor, I hereby o	leclare that:
This declaration is directed to:	
the attached application, or	
X United States application or PCT	international application number
	<u>, 2020</u> .
The above-identified application was m	ade or authorized to be made by me.
I believe that I am the original inventoring inventoring in the application.	r or an original joint inventor of a claimed
punishable under 18 U.S.C. 1001 by line of vears, or both.	
U.S. Patent and Trademark Office all info patentability as defined in 37 CFR 1.56, inc material information which became availal application and the national or PCT Internal	luding for continuation-in-part applications, ble between the filing date of the prior tional filing date of the continuation-in-part
application.	hereunto set my hand this 4th day of
February 2020.	3.6.在
	Qi ZHANG (signature)
Witness:	
Tinghui Zhang (nrinted name)	

(printed name)

Inventor 5	
As the below named inventor, I hereby declare that:	
This declaration is directed to:	
the attached application, or	
United States application or PCT international a	pplication number
<u>16/</u> filed on	<u>, 2020</u> .
The above-identified application was made or authori	zed to be made by me.
I believe that I am the original inventor or an original inventor or an original nvention in the application.	al joint inventor of a claimed
I hereby acknowledge that any willful false statement ounishable under 18 U.S.C. 1001 by fine or imprisonment years, or both.	t made in this declaration is it of not more than five (5)
I hereby state that I have reviewed and understand dentified application, including the claims; and I am aware of J.S. Patent and Trademark Office all information known patentability as defined in 37 CFR 1.56, including for continuaterial information which became available between tapplication and the national or PCT International filing data application.	of the duty to disclose to the by me to be material to nuation-in-part applications, he filing date of the prior
IN TESTIMONY WHEREOF, I have hereunto set February 2020. Zongjing LI	场
Vitness: This is	
Therefore Theren	

Tinghui Zhang (printed name)

Inventor 6			
As the below named invento	or, I hereby declare	e that:	
This declaration is directed t	to:		
the attached application	on, or	•	
X United States applica	ation or PCT intern	national application num	ber
16/	filed on	, 2020.	
The above-identified applica	ation was made or	authorized to be made	by me.
I believe that I am the original invention in the application.	nal inventor or ar	n original joint inventor	of a claimed
I hereby acknowledge that a punishable under 18 U.S.C. 1001 years, or both.	any willful false st 1 by fine or impri	atement made in this d sonment of not more t	eclaration is than five (5)
I hereby state that I have r identified application, including the U.S. Patent and Trademark Offic patentability as defined in 37 CFF material information which becausepplication and the national or PC application.	e claims; and I am ice all information R 1.56, including t me available bet	aware of the duty to dis n known by me to be for continuation-in-part ween the filing date	sclose to the material to applications of the prior
IN TESTIMONY WHEREC	)F, I have hereu	nto set my hand this	<u> </u>
	Fei V	WANG (signature)	
Witness:			
(signature)	<del>-</del>		

Inventor 7			
As the below nam	ned inventor, I hereby declar	re that:	
This declaration is	s directed to:		:
the attached	d application, or		× .
X United Sta	ates application or PCT inter	rnational application	number
16/	filed on	, 2020.	
The above-identit	fied application was made o	r authorized to be m	ade by me.
I believe that I ar invention in the application	m the original inventor or a ion.	ın original joint inver	ntor of a claimed
	ledge that any willful false s I.S.C. 1001 by fine or imp		
identified application, inc U.S. Patent and Trade patentability as defined material information w	at I have reviewed and un- cluding the claims; and I am emark Office all informatio in 37 CFR 1.56, including thich became available be ional or PCT International	n aware of the duty to on known by me to for continuation-in-petween the filing di	to disclose to the be material to part applications, ate of the prior
February, 2020		X	
Witness:	Lan	i子 道	
Tinahui Zhana			

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(printed name)

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