506083586 05/30/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6130302

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ZHIWEI ZHANG	04/10/2018
HUAIQIANG REN	04/10/2018

RECEIVING PARTY DATA

Name:	ECOVACS ROBOTICS CO., LTD.	
Street Address:	NO. 108, SHIHU WEST ROAD	
City:	SUZHOU	
State/Country:	CHINA	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16880892

CORRESPONDENCE DATA

Fax Number:

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.

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Email:gschneider@mabr.comCorrespondent Name:R. BURNS ISRAELSENAddress Line 1:MASCHOFF BRENNAN

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ATTORNEY DOCKET NUMBER:	T2874.10080US02	
NAME OF SUBMITTER:	R. BURNS ISRAELSEN	
SIGNATURE:	/R. Burns Israelsen, Reg. No. 42685/	
DATE SIGNED:	05/30/2020	

Total Attachments: 2

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PATENT 506083586 REEL: 052794 FRAME: 0983

505327877 02/13/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5374658

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ZHANG ZHIWEI	04/10/2018
REN HUAIQIANG	04/10/2018

RECEIVING PARTY DATA

Name:	ECOVACS ROBOTICS CO., LTD.	
Street Address:	NO. 108, SHIHU WEST ROAD	
City:	SUZHOU	
State/Country:	CHINA	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15951048

CORRESPONDENCE DATA

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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.

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PROCOPIO, CORY, HARGREAVES & SAVITCH LLP **Correspondent Name:**

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ATTORNEY DOCKET NUMBER:	126024-001UT1
NAME OF SUBMITTER:	LEEVI OLIVIER
SIGNATURE:	/LeeVi Olivier/
DATE SIGNED:	02/13/2019

Total Attachments: 1

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PATENT REEL: 052323 FRAME: 0983 505327877

ASSIGNMENT OF INVENTION

Whereas, We, Zhang Zhiwei and Ren Huaiqiang (collectively "Assignors"), are the original joint inventors of a claimed invention described in the Chinese Patent Application No. ZL201720378404.3, entitled HAND-HELD VACUUM CLEANER, filed April 12, 2017 ("Patent Application");

Whereas Ecovacs Robotics Co. Ltd., a corporation whose principal place of business is at No. 108, Shihu West Road, Suzhou, China ("Assignee"), has acquired the full and exclusive right, title and interest in the invention described in said Patent Application, and any patents and equivalent legal protections that are obtained thereon in the United States and in any foreign countries;

Now, therefore, for good and valuable consideration, the receipt of which is hereby acknowledged, Assignors hereby sell, assign and transfer to Assignee, its successors and assigns, the full and exclusive right, title and interest in the invention, the Patent Application, and any patents and equivalent legal protections that are obtained thereon in the United States and in any foreign countries, including any continuations, divisions, renewals, substitutes, reissues or legal equivalents thereof, for the full term(s) for which the same is granted, including all priority rights under any international treaty or convention.

Assignors, in accordance with this Assignment, hereby authorize and request the United States Commissioner for Patents, and officials of foreign countries whose duty it is to issue patents or legal equivalents thereof, to issue any patents obtained on the invention to Assignee, its successors and assigns.

Assignors covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into that would conflict with this Assignment.

Assignors further covenant that they will promptly provide, upon request from Assignee, all pertinent facts and documents relating to this invention and any applications, patents or legal equivalents directed thereto that are known and accessible to Assignors, and that Assignors will testify in any United States or foreign patent office proceeding or litigation related thereto.

Assignors further covenant that they will promptly execute and deliver to Assignee or its legal representative any documents, instruments or affidavits required to apply for, obtain, maintain, issue and enforce this invention and any applications, patents or legal equivalents directed thereto in the United States or in any foreign country.

IN TESTIMONY WHEREOF, we hereunto set our hand and seal this

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PATENT REEL: 052323 FRAME: 0985

RECORDED: 02/36/2029