505805736 12/05/2019

PATENT ASSIGNMENT COVER SHEET

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

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------|----------------|
| LIBO YAN | 12/05/2019 |
| GUOZHONG YANG | 12/05/2019 |
| MINGREN WANG | 12/05/2019 |
| SANGUO PENG | 12/05/2019 |
| JINYUAN HUANG | 12/05/2019 |

RECEIVING PARTY DATA

| Name: | HEFEI MIDEA HEATING & VENTILATING EQUIPMENT CO., LTD. |
|--------------------------|--|
| Street Address: | NO.88, CHUANGXIN AVENUE, HIGH-TECH ZONE , |
| City: | HEFEI |
| State/Country: | CHINA |
| Postal Code: | 230088 |
| | |
| Name: | GD MIDEA HEATING & VENTILATING EQUIPMENT CO., LTD. |
| Name: Street Address: | GD MIDEA HEATING & VENTILATING EQUIPMENT CO., LTD. PENGLAI INDUSTRY ROAD, BEIJIAO, SHUNDE, |
| | · · |
| Street Address: | PENGLAI INDUSTRY ROAD, BEIJIAO, SHUNDE, |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 16619729 |

CORRESPONDENCE DATA

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Correspondent Name: DILWORTH & BARRESE, LLP DILWORTH & BARRE

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> **PATENT REEL: 051192 FRAME: 0293**

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| ATTORNEY DOCKET NUMBER: | 1745-6 | |
|--|--------------------|--|
| NAME OF SUBMITTER: | MICHAEL J. MUSELLA | |
| SIGNATURE: | /mjm/ | |
| DATE SIGNED: | 12/05/2019 | |
| Total Attachments: 5 | | |
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PATENT REEL: 051192 FRAME: 0294

ASSIGNMENT

转让协议

WHEREAS, WE,

鉴于,我们,

- 1. Libo YAN, a citizen of China, having a mailing address located at No.88, Chuangxin Avenue, High-Tech Zone Hefei, Anhui 230088, P.R. CHINA and a resident of China;
- 1. 颜利波,中国公民,邮寄地址中国安徽省合肥市高新区柏堰科技园创新大道88号,邮编230088,也是中国的居民;
- 2. Guozhong YANG, a citizen of China, having a mailing address located at No.88, Chuangxin Avenue, High-Tech Zone Hefei, Anhui 230088, P.R. CHINA and a resident of China;
- 2. 杨国忠,中国公民,邮寄地址中国安徽省合肥市高新区柏堰科技园创新大道88号,邮编230088,也是中国的居民;
- 3. Mingren WANG, a citizen of China, having a mailing address located at No.88, Chuangxin Avenue, High-Tech Zone Hefei, Anhui 230088, P.R. CHINA and a resident of China;
- 3. 王命仁,中国公民,邮寄地址中国安徽省合肥市高新区柏堰科技园创新大道88号,邮编230088,也是中国的居民;
- 4. Sanguo PENG, a citizen of China, having a mailing address located at No.88, Chuangxin Avenue, High-Tech Zone Hefei, Anhui 230088, P.R. CHINA and a resident of China;
- 4. 彭三国,中国公民,邮寄地址中国安徽省合肥市高新区柏堰科技园创新大道88号,邮编230088,也是中国的居民;
- 5. Jinyuan HUANG, a citizen of China, having a mailing address located at No.88, Chuangxin Avenue, High-Tech Zone Hefei, Anhui 230088, P.R. CHINA and a resident of China:
- 5. 黄金远,中国公民,邮寄地址中国安徽省合肥市高新区柏堰科技园创新大道88号,邮编230088,也是中国的居民;
- have conceived of one or more processes, methods, machines, articles of manufacture, designs, compositions of matter, inventions, discoveries or new or useful improvements relating to TWO-PIPE ENHANCED-VAPOR-INJECTION OUTDOOR UNIT AND MULTI-SPLIT SYSTEM (collectively the "INVENTIONS") for which WE have executed and/or may execute one or more patent applications therefor; and
- 6. (视情况添加或删除发明人)

WHEREAS, HEFEI MIDEA HEATING & VENTILATING EQUIPMENT CO., LTD. a

产生了一个或多个与两管制喷气增焓室外机 及多联机系统有关的过程、方法、机器、制 品、设计、物质成分、发明、发现、或者新 的或有用的改进(统称"发明"),我们对 这种发明提出和/或可能提出一个或多个专 利申请:及

签于, 合肥美的暖通设备有限公司, 一家中国公司, 营业地在中国安徽省合肥市高新区

Chinese corporation, having a place of business at No.88, Chuangxin Avenue, High-Tech Zone Hefei, Anhui 230088, P.R. China, and GD MIDEA HEATING & VENTILATING EQUIPMENT CO., LTD. a Chinese corporation, having a place of business at Penglai Industry Road, Beijiao, Shunde Foshan, Guangdong 528311, China, (hereinafter "ASSIGNEE"), desires to acquire or otherwise obtain the entire right, title, and interest in and to said INVENTIONS, including all inventions

柏堰科技园创新大道88号,邮编230088,以及广东美的暖通设备有限公司,一家中国公司,营业地在中国广东省佛山市顺德区北滘镇蓬莱路工业大道,邮编528311(以下简称"受让人")希望获得或以其他方式取得所述发明的所有权利、所有权和权益,包括其所有专利申请和所有已授权或此后由其可能被授权的专利,包括但不限于下面确定的那些专利。

NOW, THEREFORE, for good valuable consideration, the receipt of which is hereby acknowledged, WE do hereby acknowledge that WE have sold, assigned, conveyed, and transferred, and by these presents do hereby sell, assign, convey, and transfer, unto ASSIGNEE, its successors, its legal representatives, and its assigns, the entire right, title, and interest throughout the world in and to said INVENTIONS, including all patent applications therefor that may have been filed or may be filed hereafter for said INVENTIONS including but not limited to International Patent Cooperation Treaty Application No(s). Submitted herewith, filed on December 5, 2019 MIDEA GROUP Reference (and do P201802578-WO-US No. authorize ASSIGNEE and its representative to hereafter add herein such application number(s) and/or filing date(s) when known), and all rights of priority under International Conventions, Treaties, and Agreements, all utility applications, national phase applications, utility model applications, divisional applications, renewal applications, continuation applications, continuation-in-part applications, patent of addition applications, confirmation applications, validation applications and design applications thereof, and all issued patents which may have granted or may be granted hereafter thereon and all reissues, renewals, reexaminations, and extensions to any of the foregoing and all patents issuing thereon;

因此, 基于我们确认收到的有价值的对价, 我们在此认可、我们已经出售、转让、转 送、转移,以及据此陈述确实出售、转让、 转送以及转移所述发明的在全世界的所有权 利、所有权和权益于受让人、其继任者、其 合法代表人、及其受让者,包括所有基于所 述发明可能已提交或随后可能提交的专利申 请,包括但不限于申请于二零一九年十二月 五日的,编号为随附提交的国际专利合作条 约申请, 美的集团案卷号P201802578-WO-US, (我们并再次授权受让人及其代表在 此后知道有关该发明的申请时、添加这些申 请号和申请时间),以及根据国际公约、条 约和协定, 所有的实用申请, 国家阶段的申 请、实用新型申请、分案申请、续展申请、 继续申请、部分继续申请、附属专利申请、 证实申请、有效申请、外观设计申请, 以及 所有已颁专利及随后所有可能的就此发明的 再颁、更新、复审、以及对上述所有此类专 利的任何续展的所有优先权;

AND WE further do acknowledge and agree that WE have sold, assigned, conveyed, and

我们进一步确认并同意,我们在此认可、我们已经出售、转让、转送、转移,以及据此

transferred, and by these presents do hereby sell, assign, convey, and transfer, unto ASSIGNEE, its successors, its legal representatives, and its assigns, all rights of priority under International Conventions, Treaties, or Agreements, and the entire right, title, and interest throughout the world in said INVENTIONS, including all inventions related thereto or thereof, and all patent applications therefor that may have been filed or may be filed hereafter for said INVENTIONS in any foreign country, countries, or treaty/union organizations, and all divisional applications, renewal applications, continuation applications, continuation-in-part applications, patent addition applications, confirmation applications, validation applications, utility model applications, and design applications thereof, and all issued patents which may have granted or may be granted hereafter thereon and all reissues, renewals, reexaminations, and extensions to any of the foregoing and all patents issuing thereon;

陈述确实出售、转让、转送以及转移所述发明的在全世界的所有权利、所有权和权益于受让人、其继任者、其合法代表人、及其受让者,包括所有基于所述发明可能已提交或随后可能提交的专利申请,以及在外国提交的、根据国际公约、条约和协定,所有的实用申请,国家阶段的申请、实用新型申请、分案申请、结疾申请、继续申请、部分继续申请、外观设计申请,以及所有已颁专利及随后所有可能的就此发明的再颁、更新、复审、以及对上述所有此类专利的任何续展的所有优先权;

AND WE DO HEREBY authorize and request any Official of any country or countries whose duty it is to issue patents on applications or registrations, to issue all patents for said INVENTIONS to said ASSIGNEE, its successors, its legal representatives and its assigns, in accordance with the terms of this instrument;

我们在此授权并请求任何国家的任何公务人员,其职务是对提交的申请颁发专利或注册的,基于本法律文书的条款,颁发所述发明的所有专利给所述受让人、其继任者、其合法代表人及其受让者;

AND WE HEREBY covenant and agree that WE will communicate promptly to said ASSIGNEE, its successors, its legal representatives, and its assigns, any facts known to us respecting said INVENTIONS, and will testify in any legal proceeding, sign all lawful papers, execute all applications and certificates, make all rightful declarations and/or oaths, and provide all lawful assistance to said ASSIGNEE, its successors, its legal representatives and its assigns, to obtain and enforce patent protection for said INVENTIONS in all countries;

我们在此承诺并同意,我们将就我们所知的 关于所述发明的任何事实与所述受让人,其 继任者、其合法代表人、及其受让者及时沟 通,并在任何需要的法律程序中作证、签署 全部合法的文件、签署所有申请书和证书、 做出所有正确的声明和/或宣誓,并向所述 受让人,其继任者、其合法代表人、及其受 让者提供一切合法的援助,以在诉由国家获 得和实施所述发明的专利保护;

AND WE HEREBY covenant that WE will not execute any writing or do any act whatsoever conflicting with these presents;

我们在此承诺,我们不会签署任何与这些陈 述相冲突的书面文件或有任何与这些陈述相 冲突的行为:

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PATENT REEL: 051192 FRAME: 0297 AND WE agree this ASSIGNMENT shall be interpreted under the law of People's Republic of China, and that in case of a discrepancy between the English version and he Chinese version of this agreement, the Chinese version shall prevail.

我们同意,本转让协议依据中华人民共和国 法律解释,如果本协议的中英文版本内容不 一致,以中文文本为准。

DILWORTH & BARRESE LLP Ref. No.: 1745-6 MIDEA GROUP PATENT Ref. No. (P201802578-WO-US)

| 中国作品可必要北滘 Signal 美加全球创新中央。 | 70 9, 12.5 Date | Libo YAN |
|--|----------------------|---------------------------------|
| 中国体和现象规模 Sign at 美的全球创新学的 Location | 2019-12-5 Date | Guozhong VANG Guozhong VANG |
| 中国体和地類型優 Sign at 美元全社分子はSn_ Location | 2019-12-5 Dage | Ningfen WANG Mingfen WANG |
| 中国外和顺便水優 Sign at 大众社社创新华·Sn Location | つい19 , 12 .5 Date | Sanguo PENG Sanguo PENG |
| 中国体计划使义服 Sign at 美心受强处对对于共和 Location | 2019.12.5 Date | Jinyuan, Huang Jinyuan HUANG |