505640175 08/26/2019

EPAS ID: PAT5686982

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YANG YAN	01/03/2018
RAJESH VELLORE ARUMUGAM	07/03/2018
WUJUAN LIN	01/03/2018

RECEIVING PARTY DATA

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State/Country:	JAPAN
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16488882

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ATTORNEY DOCKET NUMBER: 107210-0165

NAME OF SUBMITTER: NAOMI GREEN

SIGNATURE: /Naomi Green/

DATE SIGNED: 08/26/2019

Total Attachments: 3

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PATENT 505640175 REEL: 050170 FRAME: 0407

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

1st Assignor: Yan Yang Citizenship: Chinese

Residence: Singapore

c/o Hitachi Asia Ltd., 7 Tampines Grande, #08-01 Hitachi Square, Singapore 528736

2nd Assignor: Arumugam Rajesh Vellore

Citizenship: Singapore Residence: Singapore

c/o Hitachi Asia Ltd., 7 Tampines Grande, #08-01 Hitachi Square, Singapore 528736

3rd Assignor: Lin Wujuan Citizenship: Singapore Residence: Singapore

c/o Hitachi Asia Ltd., 7 Tampines Grande, #08-01 Hitachi Square, Singapore 528736

Assignee: Hitachi, Ltd. 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8280 Japan

AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled

"SYSTEM AND METHOD FOR CONTROLLING AN HVAC SYSTEM OR AN ACMV

SYSTEM OF A BUILDING" for which a PCT International Application was filed on 2 October

2017 and accorded Application No. PCT/SG2017/050493,

WHEREAS, ASSIGNEE (listed above), a corporation of <u>Japan</u> is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefore in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto Page 1 of 3

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ASSIGNEE its successors and assigns, the entire right, title and interest in end to said invention, as filed as said PCT International Application, including patent application rights, patents and improvements, said application and any and all letters patent which may be granted for said invention in any and all countries, and in any and all divisions, reissues, reexaminations and continuations thereof, including the right to file further applications directly in the name of ASSIGNEE and to claim priority rights deriving from said PCT application to which said further applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR(S) agree to execute all instruments and documents required for the making and prosecution of applications for any letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefore.

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01/03	7 V	10	
Date			

1st Inventor: Yan Yang

2nd Inventor: Arumugam Rajesh Vellore

REEL: 050170 FRAME: 0409

0//03/2018 Date

Name 3rd Inventor: Lin Wujuan

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