504755098 01/31/2018

EPAS ID: PAT4801826

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
MASAAKI KAWAKUBO	01/09/2018
TETSUYA ITOU	01/09/2018
SATOSHI ITOH	01/09/2018

RECEIVING PARTY DATA

Name:	DENSO CORPORATION
Street Address:	1-1, SHOWA-CHO
City:	KARIYA-CITY, AICHI-PREF.
State/Country:	JAPAN
Postal Code:	448-8661

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15749130	

CORRESPONDENCE DATA

Fax Number: (248)641-0270

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: 248-641-1600 Email: mlonzo@hdp.com

Correspondent Name: HARNESS, DICKEY & PIERCE, P.L.C.

Address Line 1: P. O. BOX 828

Address Line 2: STANLEY M. ERJAVAC

Address Line 4: BLOOMFIELD HILLS, MICHIGAN 48303

ATTORNEY DOCKET NUMBER: 4041J-003223-US-NP

NAME OF SUBMITTER: MELISSA LONZO

SIGNATURE: /Melissa Lonzo/

DATE SIGNED: 01/31/2018

Total Attachments: 2

source=176852-UST 07_Assignment#page1.tif source=176852-UST 07_Assignment#page2.tif

PATENT 504755098 REEL: 044780 FRAME: 0030

Client Ref: 176852-UST-ZW-ys

譲渡証

ASSIGNMENT

本件署名者は、十分な考慮及び理解の下、譲受人としての次の会社及びその相続人、譲渡先、その他の法的代理人に、米国及びその属地において、下記の発明に関する全権利並びに所有権を譲渡することに合意し、譲渡、売却、移譲します。 For good and valuable consideration, the receipt and sufficiency of which is hereby expressly acknowledged, the undersigned hereby agree(s) to assign, and hereby assign(s), sell(s) and transfer(s) to				
譲受者名: Assignee(s):	住所: Address(es):			
DENSO CORPORATION	1-1, Showa-cho, Kariya-city, Aichi-pref., 448-8661 Japan			
as Assignee(s), and corresponding successors, assigns or oth America, and its territories, dependencies and possessions, to	er legal representatives, the entire right, title and interest, in the United States of certain inventions known as			
発明の名称: Title of REFRIGERATION CYCLE DEV Invention:	/ICE			
上記発明についての米国登録特許証の出願は、 described in an application for Letters Patent of the United Stat	es executed			
本譲渡証と同日、もしくは on even date herewith				
米国出願番号としてに提出されたも as U.S. Application Serial No filed on _	のです。			
また、本件署名者は、本件出願の継続出願や分割出願、更には、再発行特許の登録特許証に関しても同様に譲渡いたします。本件署名者は米国特許 商標局長官が上記譲受人に登録特許証を発行することを許可、希望します。 本件署名者は、要求に応じて、すべての書面に署名すること、哲約すること、更に、本件発明の確保・維持・権利行使のために、また、譲受人の権利確保				
のために必要となるすべての手続を実行することに合意します。 本件署名者は、本件出願に関連して必要となった際に、上記譲受人が本件発明に関するすべての国際条約及び協定に基づく優先権を行使・要求する ことについて、それを許可し、その権限を上記譲受人に与えます。				
本件署名者は、Harness, Dickey & Pierce, P.L.C.に対	して、この書面の登録に必要・適切となる追記をすることを許可します。			
as well as any and all continuations, divisions, and reissues of said application and all Letters Patents that may be granted therefor. The undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent or Letters Patents to said Assignee(s).				
The undersigned agree(s), when requested, to sign all papers, take all rightful oaths, and perform all acts which may be necessary for securing, maintaining and enforcing patents for said inventions and for vesting title thereto in said Assignee(s).				
The undersigned authorize(s) and empower(s) said Assignee(s) to invoke and claim the benefit of the right of priority provided under any and all international conventions and treaties in respect of said inventions, as may be necessary in connection with said application. The undersigned also authorize(s) Harness, Dickey & Pierce, P.L.C. to insert hereon any further identification that may be necessary				
or desirable for recordation of this document. 発明者はここに付随する添付書面上にリストされます。				
inventor(s) listed on the attached sheet which is incorporated h 注記: 上記日本語抄訳は、本書面の理解の助けとして付記しており	ます。正式な解釈は英文に基づき行われます。			
Note: The above Japanese text is for the purpose of helping the based on the English text.	e understanding of the reader. The interpretation of the Assignment should be			

譲渡証(続き) ASSIGNMENT (Cont.)

署名: Signature: 第 1 発明者: First Inventor:	Masaaki Kawakubo	署名日: Date:	January 09, 2018
署名: Signature: 第 2 発明者: Second Inventor:	Tetsuya duu Tetsuya Itou	署名日: Date:	January 9, 2018 January 9, 2018
署名: Signature: 第 3 発明者: Third Inventor:	Satoshi Itoh	署名日: Date:	January 9°, 2018
署名: Signature: 第 4 発明者: Fourth Inventor:		署名日: Date:	
署名: Signature: 第 5 発明者: Fifth Inventor:		署名日: Date:	
署名: Signature: 第 6 発明者: Sixth Inventor:		署名日: Date:	
署名: Signature: 第 7 発明者: Seventh Inventor:		署名日: Date:	
署名: Signature: 第 8 発明者: Eighth Inventor:		署名日: Date:	
署名: Signature: 第 9 発明者: Ninth Inventor:		署名日: Date:	
署名: Signature: 第 10 発明者: Tenth Inventor:		署名日: Date:	