505716745 10/10/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5763556

SUBMISSION TYPE: NATURE OF CONVEYANCE:		CORRECTIVE ASSIGNMENT	CORRECTIVE ASSIGNMENT			
			Corrective Assignment to correct the ASSIGNOR NAME previously recorded on Reel 049845 Frame 0908. Assignor(s) hereby confirms the ASSIGNMENT.			
CONVEYING PARTY	DATA					
		Name	Execution Date			
RAPHAELLE BETRY			07/24/2019			
RECEIVING PARTY	DATA					
Name:	ARC HC	DLDINGS				
Street Address:	104 AVE	ENUE DU GENERAL DE GAULLE				
City:	ARQUE	ARQUES				
State/Country:	FRANCI	E				
Postal Code:	62510					
Application Number	: 2	29632189				
CORRESPONDENCE						
Fax Number:	,	860)286-0115				
- Correspondence wii		the e-media address first, if that is	unauraaaful ituuill ha aant			
		the e-mail address first; if that is a ; if that is unsuccessful, it will be s				
	if provided;					
<i>using a fax number,</i> Phone: Email:	if provided ; נ נ	; <i>if that is unsuccessful, it will be s</i> 360-286-2929 usptopatentmail@cantorcolburn.com	sent via US Mail.			
<i>using a fax number,</i> Phone: Email: Correspondent Nam	if provided; ני ני פ: (נ	; <i>if that is unsuccessful, it will be s</i> 360-286-2929 usptopatentmail@cantorcolburn.com CANTOR COLBURN LLP	sent via US Mail.			
<i>using a fax number,</i> Phone: Email: Correspondent Nam Address Line 1:	if provided; 8 L e: (2	; <i>if that is unsuccessful, it will be s</i> 360-286-2929 usptopatentmail@cantorcolburn.com CANTOR COLBURN LLP 20 CHURCH STREET	sent via US Mail.			
using a fax number, Phone: Email: Correspondent Nam Address Line 1: Address Line 2:	if provided; 8 2 e: (2 2	; <i>if that is unsuccessful, it will be s</i> 360-286-2929 usptopatentmail@cantorcolburn.com CANTOR COLBURN LLP 20 CHURCH STREET 22ND FLOOR	sent via US Mail.			
using a fax number, Phone: Email: Correspondent Nam Address Line 1:	if provided; 8 2 e: (2 2	; <i>if that is unsuccessful, it will be s</i> 360-286-2929 usptopatentmail@cantorcolburn.com CANTOR COLBURN LLP 20 CHURCH STREET	sent via US Mail.			
using a fax number, Phone: Email: Correspondent Nam Address Line 1: Address Line 2: Address Line 4:	if provided; 8 1 2 2 2 2 1 1	; <i>if that is unsuccessful, it will be s</i> 360-286-2929 usptopatentmail@cantorcolburn.com CANTOR COLBURN LLP 20 CHURCH STREET 22ND FLOOR	sent via US Mail.			
using a fax number, Phone: Email: Correspondent Nam Address Line 1: Address Line 2: Address Line 4:	if provided; 8 e: 0 2 2 H NUMBER:	<i>; if that is unsuccessful, it will be s</i> 360-286-2929 usptopatentmail@cantorcolburn.com CANTOR COLBURN LLP 20 CHURCH STREET 22ND FLOOR HARTFORD, CONNECTICUT 06103	sent via US Mail.			
using a fax number, Phone: Email: Correspondent Nam Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET NAME OF SUBMITTE	if provided; 8 e: 0 2 2 H NUMBER:	<i>; if that is unsuccessful, it will be s</i> 360-286-2929 usptopatentmail@cantorcolburn.com CANTOR COLBURN LLP 20 CHURCH STREET 22ND FLOOR HARTFORD, CONNECTICUT 06103 ARH0036US	sent via US Mail.			
using a fax number, Phone: Email: Correspondent Nam Address Line 1: Address Line 2:	if provided; 8 e: 0 2 2 H NUMBER:	; if that is unsuccessful, it will be s 360-286-2929 usptopatentmail@cantorcolburn.com CANTOR COLBURN LLP 20 CHURCH STREET 22ND FLOOR HARTFORD, CONNECTICUT 06103 ARH0036US DANIEL F. DREXLER	sent via US Mail.			
using a fax number, Phone: Email: Correspondent Nam Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET NAME OF SUBMITTE SIGNATURE: DATE SIGNED:	if provided; 8 e: 0 2 2 H NUMBER:	; if that is unsuccessful, it will be s 360-286-2929 usptopatentmail@cantorcolburn.com CANTOR COLBURN LLP 20 CHURCH STREET 22ND FLOOR HARTFORD, CONNECTICUT 06103 ARH0036US DANIEL F. DREXLER /Daniel F. Drexler/	sent via US Mail.			
using a fax number, Phone: Email: Correspondent Nam Address Line 1: Address Line 2: Address Line 2: Address Line 4: ATTORNEY DOCKET NAME OF SUBMITTE SIGNATURE: DATE SIGNED: Total Attachments: 3 source=8EJ6925#page	if provided; 8 9 8 1 1 1 1 1 1 1 1 1 1 1 1 1	; if that is unsuccessful, it will be s 360-286-2929 usptopatentmail@cantorcolburn.com CANTOR COLBURN LLP 20 CHURCH STREET 22ND FLOOR HARTFORD, CONNECTICUT 06103 ARH0036US DANIEL F. DREXLER /Daniel F. Drexler/	sent via US Mail.			
using a fax number, Phone: Email: Correspondent Nam Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET NAME OF SUBMITTE SIGNATURE: DATE SIGNED: Total Attachments: 3	if provided; e: e: NUMBER: R: e1.tif e2.tif	; if that is unsuccessful, it will be s 360-286-2929 usptopatentmail@cantorcolburn.com CANTOR COLBURN LLP 20 CHURCH STREET 22ND FLOOR HARTFORD, CONNECTICUT 06103 ARH0036US DANIEL F. DREXLER /Daniel F. Drexler/	sent via US Mail.			



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

JULY 25, 2019

PTAS

CANTOR COLBURN LLP 20 CHURCH STREET 22ND FLOOR HARTFORD, CT 06103

505587177

UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT RECORDATION BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE ASSIGNMENT RECORDATION BRANCH AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT RECORDATION BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 07/24/2019

REEL/FRAME: 049845/0908 NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: ARH0036US

ASSIGNOR: BLÉTRY, RAPHAELLE

DOC DATE: 07/24/2019

ASSIGNEE: ARC HOLDINGS 104 AVENUE DU GENERAL DE GAULLE ARQUES, FRANCE 62510

APPLICATION NUMBER: 29632189 PATENT NUMBER: TITLE: DISH ASSEMBLY FILING DATE: 01/05/2018 ISSUE DATE:

ASSIGNMENT RECORDATION BRANCH PUBLIC RECORDS DIVISION

505587177 07/24/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5633976

SUBMISSION TYPE: NATURE OF CONVEYANCE:		NEW ASSIGNMENT				
		ASSIGNMENT	ASSIGNMENT			
CONVEYING PARTY D	ΑΤΑ					
		Name		Execution Date		
RAPHAELLE BLÉTRY				07/24/2019		
RECEIVING PARTY DA	ТА					
Name:	ARC HC	ARC HOLDINGS				
Street Address:	104 AVE	104 AVENUE DU GENERAL DE GAULLE				
City:	ARQUE	S				
State/Country:	FRANC	E				
Postal Code:	62510					
Droparty Type		Numbor				
Droparty Typa		Numbor				
Property Type Application Number:		Number 29632189				
	2					
Application Number:						
Application Number: CORRESPONDENCE D Fax Number:	 DATA (29632189 (860)286-0115				
Application Number: CORRESPONDENCE E Fax Number: <i>Correspondence will b</i>	DATA (pe sent to	29632189				
Application Number: CORRESPONDENCE E Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone:	DATA (pe sent to provided	29632189 (860)286-0115 the e-mail address first; if that is				
Application Number: CORRESPONDENCE E Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone: Email:	DATA (pe sent to provided	29632189 (860)286-0115 <i>the e-mail address first; if that is</i> <i>; if that is unsuccessful, it will be</i> 860-286-2929 usptopatentmail@cantorcolburn.com	sent via US Ma			
Application Number: CORRESPONDENCE E Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone: Email: Correspondent Name:	DATA (pe sent to provided (29632189 (860)286-0115 the e-mail address first; if that is ; if that is unsuccessful, it will be 860-286-2929 usptopatentmail@cantorcolburn.com CANTOR COLBURN LLP	sent via US Ma			
Application Number: CORRESPONDENCE E Fax Number: Correspondence will b using a fax number, if Phone: Email: Correspondent Name: Address Line 1:	DATA (pe sent to provided { ((2	29632189 (860)286-0115 <i>the e-mail address first; if that is</i> <i>; if that is unsuccessful, it will be</i> 860-286-2929 Usptopatentmail@cantorcolburn.com CANTOR COLBURN LLP 20 CHURCH STREET	sent via US Ma			
Application Number: CORRESPONDENCE E Fax Number: Correspondence will b using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	DATA (pe sent to provided (2 2	29632189 (860)286-0115 <i>the e-mail address first; if that is</i> <i>; if that is unsuccessful, it will be</i> 860-286-2929 usptopatentmail@cantorcolburn.com CANTOR COLBURN LLP 20 CHURCH STREET 22ND FLOOR	sent via US Ma			
Application Number: CORRESPONDENCE E Fax Number: Correspondence will b using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	DATA (pe sent to provided (2 2	29632189 (860)286-0115 <i>the e-mail address first; if that is</i> <i>; if that is unsuccessful, it will be</i> 860-286-2929 Usptopatentmail@cantorcolburn.com CANTOR COLBURN LLP 20 CHURCH STREET	sent via US Ma			
Application Number: CORRESPONDENCE E Fax Number: Correspondence will b using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	DATA (pe sent to provided (2 2 2	29632189 (860)286-0115 <i>the e-mail address first; if that is</i> <i>; if that is unsuccessful, it will be</i> 860-286-2929 usptopatentmail@cantorcolburn.com CANTOR COLBURN LLP 20 CHURCH STREET 22ND FLOOR	sent via US Ma			
Application Number: CORRESPONDENCE E Fax Number: Correspondence will b using a fax number, if Phone: Email: Correspondent Name: Address Line 1:	DATA (provided (2 2 2 4 UMBER:	(860)286-0115 <i>the e-mail address first; if that is</i> <i>; if that is unsuccessful, it will be</i> 860-286-2929 usptopatentmail@cantorcolburn.com CANTOR COLBURN LLP 20 CHURCH STREET 22ND FLOOR HARTFORD, CONNECTICUT 06103	sent via US Ma			
Application Number: CORRESPONDENCE E Fax Number: <i>Correspondence will b</i> <i>using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET N	DATA (provided (2 2 2 4 UMBER:	29632189 (860)286-0115 <i>the e-mail address first; if that is</i> <i>; if that is unsuccessful, it will be</i> 860-286-2929 usptopatentmail@cantorcolburn.com CANTOR COLBURN LLP 20 CHURCH STREET 22ND FLOOR HARTFORD, CONNECTICUT 06103 ARH0036US	sent via US Ma			
Application Number: CORRESPONDENCE D Fax Number: Correspondence will b using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET NUMATE OF SUBMITTER:	DATA (provided (2 2 2 4 UMBER:	(860)286-0115 the e-mail address first; if that is ; if that is unsuccessful, it will be 860-286-2929 usptopatentmail@cantorcolburn.com CANTOR COLBURN LLP 20 CHURCH STREET 22ND FLOOR HARTFORD, CONNECTICUT 06103 ARH0036US DANIEL F. DREXLER	sent via US Ma			

ASSIGNMENT

WHEREAS I, Raphaelle B étry of 54 Avenue du Sénateur Girard, Valenciennes (59), France (hereinafter referred to as "ASSIGNOR"); have invented certain new and useful improvements in:

DISH ASSEMBLY

(hereinafter referred to as "INVENTION") for which I, said ASSIGNOR, am about to file, or have filed, an application for a United States Patent (hereinafter collectively referred to as "APPLICATIONS");

AND WHEREAS, ARC HOLDINGS (hereinafter referred to as "ASSIGNEE"), a corporation organized and existing under the laws of France, having a place of business at 104 Avenue du Général de Gaulle, Arques France, 62510 is desirous of acquiring an interest in any and all countries, in and to the INVENTION, the APPLICATIONS, and any Patents that issue therefrom;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, I, the ASSIGNOR, have assigned and transferred, and hereby assign and transfer unto ASSIGNEES, the entire right, title and interest in and to the INVENTION, the APPLICATIONS, and any and all Patents that may be issued therefrom, in any and all countries, including any and all revivals, refilings, continuations, continuations-in-part, divisions and reissues thereof, to ASSIGNEES; and I, the ASSIGNOR, do hereby agree that I will execute all papers necessary in connection with any and all patent applications when called upon to do so by ASSIGNEES, their successors or assigns, and that I will, at the cost and expense of ASSIGNEES, fully assist and cooperate in all matters in connection with any and all patent applications and Patents issuing thereon.

The undersigned declare that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the APPLICATIONS or any Patents issuing thereon.

Raphaelle Belly Date: 24/07/2019 L.S.

RECORDED: 10/10/2019