504609187 10/24/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4655900

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KIRK ANDREW ALLEN	10/24/2017

RECEIVING PARTY DATA

Name:	RAIN BIRD CORPORATION	
Street Address:	970 WEST SIERRA MADRE AVENUE	
City:	AZUSA	
State/Country:	CALIFORNIA	
Postal Code:	91702	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15792273

CORRESPONDENCE DATA

Fax Number: (312)577-7007

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: 3125777000

Email: sahleb@fitcheven.com

Correspondent Name: FITCH, EVEN, TABIN & FLANNERY, LLP Address Line 1: 120 SOUTH LASALLE STREET, SUITE 1600

Address Line 4: CHICAGO, ILLINOIS 60603-3406

ATTORNEY DOCKET NUMBER:	8473-141813-US	
NAME OF SUBMITTER:	TTER: MARK W. HETZLER	
SIGNATURE:	/Mark W. Hetzler/	
DATE SIGNED:	10/24/2017	

Total Attachments: 3

source=141813 ALLEN 15-792,273 Assignment to Rain Bird Corporation 10242017#page1.tif source=141813 ALLEN 15-792,273 Assignment to Rain Bird Corporation 10242017#page2.tif source=141813 ALLEN 15-792,273 Assignment to Rain Bird Corporation 10242017#page3.tif

PATENT REEL: 044283 FRAME: 0789 504609187

ASSIGNMENT

I, for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign and sell, which confirms any previous assignment by me, by operation of law, or by my employment obligations, to RAIN BIRD CORPORATION, a California corporation, having its principal place of business at 970 West Sierra Madre Avenue, Azusa, California, 91702, United States of America ("Assignee"), its successors, assigns, and legal representatives, the entire right, title, and interest, in and to all subject matter and improvements invented, made, or conceived by me and described in the application for patent entitled

FLOW SENSOR

having Application Number 15/792,273 , filed October 24, 2017 in and to all patent and all patent convention and treaty rights of all kinds, including the right to claim priority from said application, and all rights in and to any utility model, non-provisional, continuation, continuation-in-part, and divisional application therefrom, and any reissue or re-examination as to any patent issuing therefrom, and any rights from post-grant proceedings, in all countries throughout the world, for all such subject matter described therein, including all rights of action and rights to recover damages for past infringements.

I agree that on request and without further consideration, I will communicate to the Assignee or its representatives or nominees any facts known to me respecting the inventions and improvements and testify in any legal proceeding, make all rightful oaths, sign all lawful papers, and execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights in all countries including, but not limited to, any provisional, non-provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, for any derivation proceedings relating thereto, and, as to any patents that issue from such applications, for any supplemental examination, derivation proceeding, opposition, post grant review, reissue, re-examination, inter partes review, or extension thereof, and generally do everything possible to aid the Assignee, its successors,

Page 1 of 2

assigns, and nominees to obtain and enforce proper patent protection for the invention and its improvements in all countries.

I hereby authorize and request the attorneys of Fitch, Even, Tabin & Flannery, LLP to insert above the application number and filing date of said application when known.

Legal Name of Inventor: (Given names first, with Family name last)	Kirk Andrew Allen	
Language Company	20,0,00 W	
Inventor's Signature:	(
Date:	10/24/2017	***************************************
Inventor's Address:	27704 Cherry Creek Drive	
	Valencia, California, 91354 United States of America	
State of		
County of	Mark 3 333	
	pefore me,	
a Notary Public in and for said States I	personally appeared Kirk ANDREW A	LLEN, personally
known by me (and proved to me on the	basis of satisfactory evidence) to be t	he person whose
name is subscribed to the Within inchain in his authorized appared, and that by h	is signature on the instrument the per	son, or the entity
upon behalf of what the person acted, e		
WITNESS my hand and Miciel seal 1.1		
Notary Public		
My Commission Expires:		

Page 2 of 2

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

of the State of California that the foregoing paragrap is true and correct. WITNESS my hand and official seal. MITCHELL W. WOLF Commission ** 2087013 Signature Signature of Noighy Public Los Angeles County My Comm. Expires Nov 18, 2018 Place Notary Seal Above OPTIONAL Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document. Description of Attached Document Title or Type of Document:	A notary public or other officer completing this certificate document to which this certificate is attached, and not the	ate verifies only the identity of the individual who signed the he truthfulness, accuracy, or validity of that document.
Date Date	State of California }	
Date Date	County of <u>LOS ANGRES</u>)	
Dafe Here Insert Name and Title of the Officer		and the second of the second of the second
who proved to me on the basis of satisfactory evidence to be the person() whose name() is/es subscribed to the within instrument and acknowledged to me that he/sbettley executed the same is subscribed to the within instrument and acknowledged to me that he/sbettley executed the same is the authorized capacity(es), and that by his/he/the/heis-signature(s) on the instrument the person(s) or the entity upon behalf of which the person(s) acted, executed the instrument. I certify under PENALTY OF PERJURY under the law of the State of California that the foregoing paragrap is true and correct. WITNESS my hand and official seal. WITNESS my hand and official seal. Signature Signature of Notary Public. Place Notary Seal Above OPTIONAL Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document. Description of Attached Document Title or Type of Document: Document Date: Number of Pages: Signer(s) Other Than Named Above: Capacity(ies) Claimed by Signer(s) Signer(s) Name: Gorporate Officer — Title(s): Partner — Limited General Partner — Limited General Individual Attorney in Fact Trustee Guardian or Conservator Other:		
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/as subscribed to the within instrument and acknowledged to me that he/shadbey executed the same instrument authorized capacity(isc), and that by his/her/their signature(s) on the instrument the person(s) or the entity upon behalf of which the person(s) acted, executed the instrument. I certify under PENALTY OF PERJURY under the law of the State of California that the foregoing paragrap is true and correct. WITNESS my hand and official seal. MITCHELL W WOLF Commission # 2087013 Notary Public - California Los Angeles County My Comm. Expires Nov 18, 2018 Place Notary Seal Above OPTIONAL Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document. Description of Attached Document Title or Type of Document: Document Date: Number of Pages: Signer(s) Other Than Named Above: Capacity(ies) Claimed by Signer(s) Signer's Name: Signer's Name: Corporate Officer — Title(s): Corporate Officer — Title(s): Partner — Limited General Partner — Limited General Individual Attorney in Fact Individual Attorney in Fact Trustee Guardian or Conservator Other Other Other Other	nerconally appeared KIAS Assessed	
subscribed to the within instrument and acknowledged to me that he/sha/their executed the same in his/har/their authorized capacity(isc), and that by his/har/their signature(st) on the instrument the person(s) acted, executed the instrument. I certify under PENALTY OF PERJURY under the law of the State of California that the foregoing paragrap is true and correct. WITNESS my hand and official seal. WITNESS my hand and official seal. WITNESS my hand and official seal. Signature Signature of Notyry Public Place Notary Seal Above OPTIONAL Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document. Description of Attached Document Title or Type of Document: Document Date: Number of Pages: Signer(s) Other Than Named Above: Capacity(ies) Claimed by Signer(s) Signer's Name: Corporate Officer — Title(s): Partner — Climited General Individual Attorney in Fact		
of the State of California that the foregoing paragrap is true and correct. WITNESS my hand and official seal. MITCHELL W. WOLF Commission ** 2087013 Signature Signature of Noighy Public Los Angeles County My Comm. Expires Nov 18, 2018 Place Notary Seal Above OPTIONAL Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document. Description of Attached Document Title or Type of Document:	subscribed to the within instrument and acknow his/hew/their authorized capacity(ies), and that by h	ledged to me that he/sba/they executed the same in is/har/their signature@on the instrument the person@o
MITCHELL W WOLF Commission * 2087013 Notary Public - California Los Angeles County My Comm. Expires Nov 18, 2018 Place Notary Seal Above OPTIONAL Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document. Description of Attached Document Title or Type of Document: Document Date: Number of Pages: Signer(s) Other Than Named Above: Capacity(ies) Claimed by Signer(s) Signer's Name: Corporate Officer — Title(s): Partner — Limited General Partner — Limited General Individual Attorney in Fact Individual Attorney in Fact Trustee Guardian or Conservator Trustee Guardian or Conservator Other:		I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.
MITCHELL W. WOLF Commission # 2087013 Notary Public - California Los Angeles County My Comm. Expires Nov 18, 2018 Place Notary Seal Above OPTIONAL Though this section is optional, completing this Information can deter alteration of the document or fraudulent reattachment of this form to an unintended document. Description of Attached Document Title or Type of Document: Number of Pages: Signer(s) Other Than Named Above: Capacity(ies) Claimed by Signer(s) Signer's Name: Corporate Officer — Title(s): Partner — Limited General Partner — Limited General Individual Attorney in Fact Individual Attorney in Fact Trustee Guardian or Conservator Other:	30 300 30 70 30 100000 TAY 50 30 12 12 12 14	WITNESS my hand and official seal.
Notary Public - California Los Angeles County My Comm. Explos Nov 18, 2018 Place Notary Seal Above OPTIONAL Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document. Description of Attached Document Title or Type of Document: Number of Pages: Signer(s) Other Than Named Above: Capacity(ies) Claimed by Signer(s) Signer's Name: Corporate Officer — Title(s): Partner — Limited General Partner — Limited General Individual Attorney in Fact Individual Attorney in Fact Trustee Guardian or Conservator Other:		
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Place Notary Seal Above OPTIONAL Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document. Description of Attached Document Title or Type of Document: Number of Pages: Signer(s) Other Than Named Above: Capacity(ies) Claimed by Signer(s) Signer's Name: Corporate Officer — Title(s): Partner — Dimited General Partner — Dimited General Individual Attorney in Fact Trustee Guardian or Conservator Other:	Los Angeles County Say Comm. Fanires Nov 18, 2018	Signature of Notary Public
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Number of Pages: Signer(s) Other Than Named Above: Capacity(ies) Claimed by Signer(s) Signer's Name: Signer's Name: □ Corporate Officer — Title(s): □ Corporate Officer — Title(s): □ Partner — □ Limited □ General □ Individual □ Attorney in Fact □ Individual □ Attorney in Fact □ Trustee □ Guardian or Conservator □ Trustee □ Guardian or Conservator □ Other: □ Other:		÷
Capacity(ies) Claimed by Signer(s) Signer's Name: □ Corporate Officer — Title(s): □ Partner — □ Limited □ General □ Individual □ Attorney in Fact □ Trustee □ Guardian or Conservator □ Other: □ Other:		
Signer's Name: Signe	The state of the s	n Named Above:
☐ Partner — ☐ Limited ☐ General ☐ Partner — ☐ Limited ☐ General ☐ Individual ☐ Attorney in Fact ☐ Trustee ☐ Guardian or Conservator ☐ Other: ☐ Other:	Capacity(les) Claimed by Signer(s)	280 . 20 ·
☐ Partner — ☐ Limited ☐ General ☐ Partner — ☐ Limited ☐ General ☐ Individual ☐ Attorney in Fact ☐ Trustee ☐ Guardian or Conservator ☐ Other: ☐ Other:	Signer's Name:	Signer's Name:
☐ Individual ☐ Attorney in Fact ☐ Individual ☐ Attorney in Fact ☐ Trustee ☐ Guardian or Conservator ☐ Other: ☐ Other:	□ Corporate Officer — Title(s): □ Partner — □ Limited □ General	☐ Partner — ☐ Limited ☐ General
☐ Trustee ☐ Guardian or Conservator ☐ Trustee ☐ Guardian or Conservator ☐ Other:		
	☐ Trustee ☐ Guardian or Conservator	
SCHOOLE IN CONTRACTORY TO THE CONTRACTORY		
Signer is Representing:Signer is Representing:	Signer Is Representing:	

PATENT REEL: 044283 FRAME: 0792

RECORDED: 10/24/2017