

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4625955

| | |
|---|--------------------------------------|
| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| KIRK ANDREW ALLEN | 09/07/2017 |
| JAMES RICHARD PARKS | 09/07/2017 |
| AMIT KUMAR SAHA | 09/22/2017 |
| FEI LIU | 09/07/2017 |
| MARK W. EMORY | 09/07/2017 |
| SAMUEL R. RULLI | 09/07/2017 |
| 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: | 15649332 |
| CORRESPONDENCE DATA | |
| Fax Number: | (312)577-7007 |
| <i>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.</i> | |
| 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: | 8473-141226-US |
| NAME OF SUBMITTER: | MARK W. HETZLER |
| SIGNATURE: | /Mark W. Hetzler/ |
| DATE SIGNED: | 10/04/2017 |
| Total Attachments: 12 | |

source=141226 ALLEN+ 15-649,332 Assignment to Rain Bird Corporation 0907222017#page1.tif
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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 or 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 15/649,332, filed July 13, 2017, and 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,

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

Legal Name of Inventor:
(Given names first, with Family name last)

Kirk Andrew Allen

Inventor's Signature:



Date:

9/7/17

Inventor's Address:

27704 Cherry Creek Drive
Valencia, California, 91354
United States of America

State of _____)

County of _____) ss

On _____ before me, _____
a Notary Public in and for said State, personally appeared KIRK ANDREW ALLEN, personally known by me (and proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal

Notary Public

My Commission Expires: _____

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California)

County of Los Angeles)

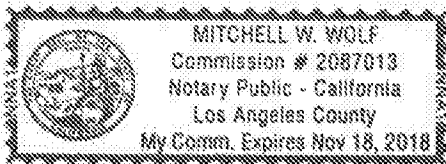
On SEPTEMBER 7, 2017 before me, MITCHELL W. WOLF, Notary Public
Date Here Insert Name and Title of the Officer

personally appeared KIRK ANDREW ALLEN
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), 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 laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature Mitchell W. Wolf
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: _____

☐ Corporate Officer — Title(s): _____

☐ Partner — ☐ Limited ☐ General

☐ Individual ☐ Attorney in Fact

☐ Trustee ☐ Guardian or Conservator

☐ Other: _____

Signer Is Representing: _____

Signer's Name: _____

☐ Corporate Officer — Title(s): _____

☐ Partner — ☐ Limited ☐ General

☐ Individual ☐ Attorney in Fact

☐ Trustee ☐ Guardian or Conservator

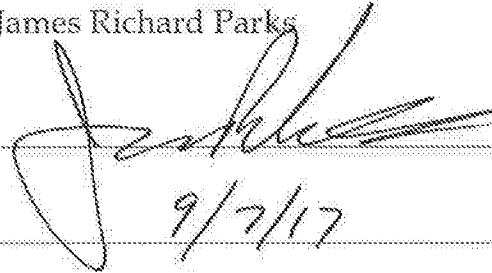
☐ Other: _____

Signer Is Representing: _____

Legal Name of Inventor:
(Given names first, with Family name last)

James Richard Parks

Inventor's Signature:



Date:

9/7/17

Inventor's Address:

26550 Loop Avenue
Santa Clarita, California, 91387
United States of America

State of _____)

) ss

County of _____)

On _____, before me _____,
a Notary Public in and for said State, personally appeared JAMES RICHARD PARKS, personally
known by me (and proved to me on the basis of satisfactory evidence) to be the person whose
name is subscribed to the within instrument and acknowledged to me that he executed the same
in his authorized capacity, and that by his signature on the instrument the person, or the entity
upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public

My Commission Expires: _____

*See Attached
Matter W 000000
9/7/17*

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

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State of California)

County of Los Angeles)

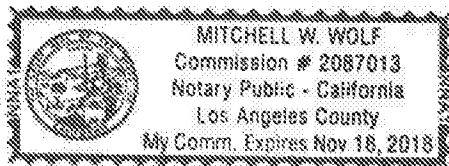
On SEPTEMBER 7, 2017 before me, MITCHELL W. WOLF, Notary Public,
Date Here Insert Name and Title of the Officer

personally appeared JAMES RENNAN PARKS
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person~~s~~ whose name~~s~~ is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity~~(ies)~~, 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 laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature Mitchell W. Wolf
Signature of Notary Public

Place Notary Seal Above

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Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

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☐ Partner -- ☐ Limited ☐ General

☐ Individual ☐ Attorney in Fact

☐ Trustee ☐ Guardian or Conservator

☐ Other: _____

Signer Is Representing: _____

Signer's Name: _____

☐ Corporate Officer -- Title(s): _____

☐ Partner -- ☐ Limited ☐ General

☐ Individual ☐ Attorney in Fact

☐ Trustee ☐ Guardian or Conservator

☐ Other: _____

Signer Is Representing: _____

Legal Name of Inventor:

(Given names first, with Family name last)

Amit Kumar Saha

Inventor's Signature:

Amit Kumar Saha

Date:

09/22/17

Inventor's Address:

6730 Stichter Avenue
Dallas, Texas, 75230
United States of America

State of Texas)

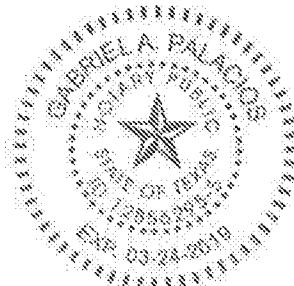
County of Denton) ss

On September 22, 2017, before me, Gabriel A. Palacios, a Notary Public in and for said State, personally appeared AMIT KUMAR SAHA, personally known by me (and proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Gabriel A. Palacios
Notary Public

My Commission Expires: March 24, 2019



Legal Name of Inventor:
(Given names first, with Family name last)

Fei Liu

Inventor's Signature:

[Handwritten Signature]

Date:

9/7/2017

Inventor's Address:

2345 Canyon Park Drive
Diamond Bar, California, 91765
United States of America

State of _____)

County of _____)

ss

On _____ before me, _____
a Notary Public in and for said State, personally appeared FEI LIU, personally known by me (and
proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to
the within instrument and acknowledged to me that he executed the same in his authorized
capacity, and that by his signature on the instrument the person, or the entity upon behalf of
which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public

My Commission Expires: _____

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

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State of California)

County of LOS ANGELES)

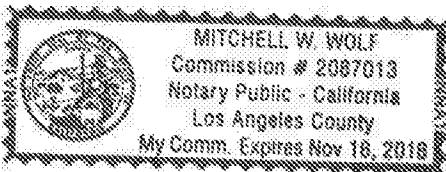
On September 7, 2017 before me, MITCHELL W. WOLF, Notary Public
Date Here Insert Name and Title of the Officer

personally appeared FEL LIU
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person~~s~~ whose name~~s~~ is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity~~(ies)~~, 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 laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature [Signature]
Signature of Notary Public

Place Notary Seal Above

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Capacity(ies) Claimed by Signer(s)

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☐ Corporate Officer — Title(s): _____

☐ Partner — ☐ Limited ☐ General

☐ Individual ☐ Attorney in Fact

☐ Trustee ☐ Guardian or Conservator

☐ Other: _____

Signer Is Representing: _____

Signer's Name: _____

☐ Corporate Officer — Title(s): _____

☐ Partner — ☐ Limited ☐ General

☐ Individual ☐ Attorney in Fact

☐ Trustee ☐ Guardian or Conservator

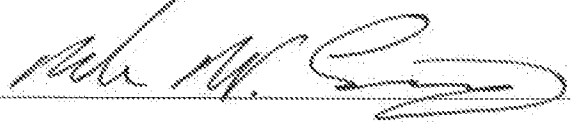
☐ Other: _____

Signer Is Representing: _____

Legal Name of Inventor:
(Given names first, with Family name last)

Mark W. Emory

Inventor's Signature:



Date:

9/7/17

Inventor's Address:

2910 Maple Avenue
Fullerton, California, 92835
United States of America

State of _____)
County of _____) ss

On _____, before me, _____,
a Notary Public in and for said State, personally appeared MARK W. EMORY, personally known
by me (and proved to me on the basis of satisfactory evidence) to be the person whose name is
subscribed to the within instrument and acknowledged to me that he executed the same in his
authorized capacity, and that by his signature on the instrument the person, or the entity upon
behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public

My Commission Expires: _____

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State of California)

County of LOS ANGELES)

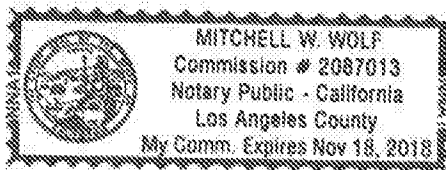
On SEPTEMBER 3, 2017 before me, MITCHELL W. WOLF, Notary Public
Date Here Insert Name and Title of the Officer

personally appeared MARY W. EMORY
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), 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 laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature Mitchell W. Wolf
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

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☐ Trustee ☐ Guardian or Conservator

☐ Other: _____

Signer Is Representing: _____

Signer's Name: _____

☐ Corporate Officer — Title(s): _____

☐ Partner — ☐ Limited ☐ General

☐ Individual ☐ Attorney in Fact

☐ Trustee ☐ Guardian or Conservator


☐ Other: _____

Signer Is Representing: _____

Legal Name of Inventor:
(Given names first, with Family name last)

Samuel R. Rulli

Inventor's Signature:



Date:

9/7/17

Inventor's Address:

222 North Rose Street, Unit 308
Burbank, California, 91505
United States of America

State of _____)

County of _____) ss

On _____, before me, _____
a Notary Public in and for said State, personally appeared SAMUEL R. RULLI, personally known
by me (and proved to me on the basis of satisfactory evidence) to be the person whose name is
subscribed to the within instrument and acknowledged to me that he executed the same in his
authorized capacity, and that by his signature on the instrument the person, or the entity upon
behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Public

My Commission Expires: _____

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State of California)

County of LOS ANGELES)

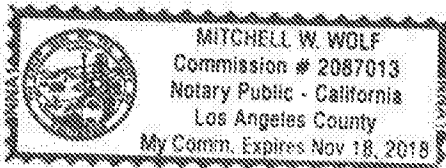
On SEPTEMBER 7, 2017 before me, MITCHELL W. WOLF, NOTARY PUBLIC
Date Here Insert Name and Title of the Officer

personally appeared SAMUEL R. RULLI
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person~~s~~ whose name~~s~~ is/~~s~~ subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same in his/~~her/their~~ authorized capacity~~(ies)~~, 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 laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature Mitchell W. Wolf
Signature of Notary Public

Place Notary Seal Above

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☐ Other: _____

Signer Is Representing: _____

Signer's Name: _____

☐ Corporate Officer -- Title(s): _____

☐ Partner -- ☐ Limited ☐ General

☐ Individual ☐ Attorney in Fact

☐ Trustee ☐ Guardian or Conservator

☐ Other: _____

Signer Is Representing: _____