504869065 04/13/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HARVEY J. NICKERSON	06/03/2005
RUSSEL D. LEATHERMAN	07/18/2005
JAMES R. MUSSELMAN	06/02/2005
ANDREW M. NGUYEN	06/03/2005
KEN R. VENEGAS	06/03/2005
ROGER S. NEITZEL	06/03/2005
ROBERT JENKINS	06/03/2005
SUSAN E. BASCH	06/03/2005
KENNETH D. VAIL	06/06/2005

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:	15952060

CORRESPONDENCE DATA

Fax Number:

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: 858-552-1311

Email: AKUDIRKA@FITCHEVEN.COM

Correspondent Name: JENNIFER V. SUAREZ

Address Line 1: 120 SOUTH LASALLE STREET

Address Line 2: SUITE 2100

Address Line 4: CHICAGO, ILLINOIS 60603

ATTORNEY DOCKET NUMBER:	8473-143055-US
NAME OF SUBMITTER:	JENNIFER SUAREZ

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504869065 REEL: 045539 FRAME: 0692

SIGNATURE:	/Jennifer V. Suarez/
DATE SIGNED:	04/13/2018
Total Attachments: 10	
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PATENT REEL: 045539 FRAME: 0693

<u>ASSIGNMENT</u>

We, HARVEY J. NICKERSON, of San Diego, County of San Diego and State of California; RUSSELL D. LEATHERMAN, of Albion, State of Indiana; JAMES R. MUSSELMAN, of San Diego, County of San Diego and State of California; ANDREW M. NGUYEN, of San Diego, County of San Diego and State of California; KEN R. VENEGAS, of San Diego, County of San Diego and State of California; ROBERT JENKINS, of San Diego, County of San Diego and State of California; ROBERT JENKINS, of San Diego, County of San Diego and State of California; SUSAN E. BASCH, of San Diego, County of San Diego and State of California; and KENNETH D. VAIL, of San Diego, County of San Diego and State of California for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign to RAIN BIRD CORPORATION, a California corporation, having a place of business at 145 North Grand Avenue, Glendora, California 91741, its successors, assigns and legal representatives, the entire right, title and interest, in and to all subject matter invented by us and disclosed in the application for Letters Patent of the United States entitled

MODULAR AND EXPANDABLE IRRIGATION CONTROLLER

application number 11/022,329, filed December 23, 2004 and in and to all Letters Patent and all Convention and Treaty rights of all kinds, including the right to claim priority from said application, and all rights in and to any continuation, continuation-in-part, and divisional application therefrom, and any reissue or re-examination as to any Letters Patent issuing therefrom, 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, and request issuance of all said Letters Patent to the above assignee in accordance with this assignment.

We agree to do all lawful acts, including the execution of all papers and the giving of testimony, necessary or desirable to obtain, sustain, reissue, or enforce said Letters Patent and rights in all countries throughout the world, and to perfect, record, or maintain the title of Assignee, its successors, assigns and legal representatives, to said invention, said application, and any Letters Patent granted for said invention in all countries throughout the world.

We represent and warrant that we have not granted and will not grant to others any rights inconsistent with the rights granted herein, and that said invention, said application, and any Letters Patent granted for said invention are free and clear of all encumbrances and liens.

1 of 10

Dated: 6/3/05 HARVEY J. MICKERSON	
State of California)) ss	
County of San Diego)	
On <u>June</u> 3 , 2005, before me, <u>G/o</u>	ria Xeres,
Notary Public, personally appeared HARVEY J. NICKERSON,	
□ personally known to me or	
proved to me on the basis of satisfactory evidence	
to be the person whose name is subscribed to the within instrument ar	nd acknowledged to me that
he/she executed the same in his/her authorized capacity, and that I	by his/her signature on the
instrument the person, or the entity upon behalf of which the person act	ed, executed the instrument.
WITNESS my hand and official seal.	
Commissi	IAXEFOS on # 1357097 Jilic - California
San Die	ego County pires May 18, 2006

Attorney Docket 81746/794	Attorney	Docket	81746	/794
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EXECUTION BEFORE NOTARY	\mathbf{Y}
Dated: $\frac{7-18-05}{1}$	Prince D. Leatherman
State of $Indiano)$ County of $Noble)$ ss	RDL
On 7-18-05	, 2005, before me, IIna CRAFT,
Notary Public, personally appeared RUS	SSELL D. LEATHERMAN,
personally known to me or	
proved to me on the basis of	satisfactory evidence
to be the person whose name is subscri	bed to the within instrument and acknowledged to me that
he/she executed the same in his/her a	authorized capacity, and that by his/her signature on the
instrument the person, or the entity upor	behalf of which the person acted, executed the instrument.
WITNESS my hand and official seal. Line Craft Signature of Notary Public	
OR EXECUTION BEFORE WIT	
, 2005	Russell D. Leatherman
Executed in my presence on thisaforementioned individual known to me	day of, 2005 by the e to be the person named in this assignment.
First Witness (Signature)	Second Witness (Signature)
First Witness Name (Typed or Printed)	Second Witness Name (Typed or Printed)

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EXECUTION BEFORE NOTARY

Dated:
JAMES R. MUSSELMAN
State of California)) iss
County of San Diego)
On, 2005, before me,,
Notary Public, personally appeared JAMES R. MUSSELMAN,
□ personally known to me or
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/she executed the same in his/her authorized capacity, and that by his/her 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. Signature of Notary Public
OR EXECUTION BEFORE WITNESSES
June 2 2005 Jan R Mun
Date James R. Musselman
Executed in my presence on this day of, 2005 by the aforementioned individual known to me to be the person named in this assignment.
First Witness (Signature) Second Witness (Signature)
LAIRD BROADFIELD ERIK BARNES
First Witness Name (Typed or Printed) Second Witness Name (Typed or Printed)

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Dated: 6/3/05 Mulumy Santa Market November 1
Andrew M. Nguyen
State of California)) ss
County of San Diego)
on June 3, 2005, before me, Gloria Xefs,
Notary Public, personally appeared Andrew M. NGUYEN,
□ personally known to me or
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/she executed the same in his/her authorized capacity, and that by his/her 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.

Signature of Notary Public



Dated: 6305 Fruit Ellegs KEN R. VENEGAS
State of California)) ss
County of San Diego)
On <u>June 3</u> , 2005, before me, <u>Gloria Xefos</u> , Notary Public, personally appeared KEN R. VENEGAS,
¥
personally known to me or 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/she executed the same in his/her authorized capacity, and that by his/her 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.

Signature of Notary Public



Dated: 6103/05 Rousely
ROGER'S. NEITZEI
State of California)
) ss
County of San Diego)
On June 3, 2005, before me, Sovia Xeps,
Notary Public, personally appeared ROGER S. NEITZEL,
□ personally known to me or
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/she executed the same in his/her authorized capacity, and that by his/her 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.

Signature of Notary Publ



Dated: 6/03/05 ROBERT JENKINS
State of California)) ss
County of San Diego)
On June 3, 2005, before me, Sovia Softs, Notary Public, personally appeared ROBERT JENKINS,
personally known to me or
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/she executed the same in his/her authorized capacity, and that by his/her 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-

GLORIA XEFOS
Commission # 1357097
Notary Public - California
San Diego County
My Comm. Expires May 18, 2006

Dated	1: 6/3/os)	Sun	m£.	Base	<u></u>	
			SUSAN E. B.	ASCH			
State	of California)) ss					
Count	ty of San Diego)					
On					Gloria	a Xebs	
Notar	y Public, personally	appeared S	SUSAN E. BAS	CH,			
	□ personally know	wn to me	or				
	proved to me o	n the basis	of satisfactor	y evidence			
to be	the person whose na	me is subs	cribed to the	within instr	ument and ac	knowledged to r	ne that
he/sh	e executed the same	in his/he	r authorized	capacity, as	nd that by hi	s/her signature	on the
instru	ment the person, or t	he entity ur	on behalf of	which the pe	erson acted, e	xecuted the instr	ument.

GLORIA XEFOS
Commission # 1357097
Notary Public - California
San Diego County
My Comm. Expires May 18, 2006

WITNESS my hand and official seal.

Signature of Notary Public

EXECUTION BEFORE NOTARY

Dated:			
	F	KENNETH D. VAIL	
State of California County of San Dieg)) ss go)		
On		_, 2005, before me,	
Notary Public, pers	onally appeared KE	nneth D. Vail,	
□ personal	lly known to me or	r	
□ proved t	o me on the basis of	f satisfactory evidence	
to be the person wh	nose name is subscri	ibed to the within instrument and acknowledg	ed to me that
he/she executed th	e same in his/her	authorized capacity, and that by his/her sign	nature on the
instrument the person	on, or the entity upor	n behalf of which the person acted, executed th	e instrument.
WITNESS my hand			
OR EXECUTION	N BEFORE WIT	NESSES / DUI	
Date	;;	Kenneth D. Vail	
Executed in my pre aforementioned ind First Witness (Signal)	ividual known to m	day of JUNE e to be the person named in this assignment. Second Witness (Signature)	, 2005 by the
Meechee	•	ERIK BARNES	
	(Typed or Printed)		inted)

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RECORDED: 04/13/2018

PATENT REEL: 045539 FRAME: 0703