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(12) United States Design Patent (10) Patent No.:

Ericksen et al.

tent No.: US D782,340 S

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(54) TIMER

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- (73) Assignee: **Orbit Irrigation Products, Inc.**, North Salt Lake, UT (US)
- (**) Term: 15 Years
- (21) Appl. No.: 29/553,698
- (22) Filed: Feb. 3, 2016

Related U.S. Application Data

- (60) Continuation of application No. 29/532,141, filed on Jul. 1, 2015, now Pat. No. Des. 770,311, which is a continuation of application No. 29/500,449, filed on Aug. 25, 2014, now Pat. No. Des. 736,104, which is a division of application No. 29/450,680, filed on Mar. 20, 2013, now Pat. No. Des. 713,271.
- (51) LOC (10) Cl. 10-03
- (52) U.S. Cl. USPC D10/40
- (58) Field of Classification Search
 USPC D10/40, 122; D13/162.1; D23/245, 246
 CPC A01G 25/00; A01G 25/16; A01G 25/162; A01G 25/165; B05B 12/00; B05B 12/02; F16K 31/48; G09B 17/00; G05D 7/00; G05D 7/08; G05D 7/0635; B44B 5/009
 See application file for complete search history.

References Cited

(56)

U.S. PATENT DOCUMENTS

D53,726 S	8/1919	Berge		
1,841,369 A *	1/1932	Freeman G09B 17/00		
, ,		273/157 R		
1,865,965 A	7/1932	Ruiz		
D191,294 S	9/1961	Charnota et al.		
3,643,303 A *	2/1972	Kanarek B44B 5/009		
		101/28		
4,562,865 A	1/1986	Lemkin et al.		
D282,446 S	2/1986	Gremonprez et al.		
D295,778 S	5/1988	Bruninga et al.		
4,807,664 A	2/1989	Wilson et al.		
D309,175 S	7/1990	Hastings et al.		
4,951,204 A	8/1990	Mylne, III		
(Continued)				

OTHER PUBLICATIONS

U.S. Appl. No. 29/532,141, filed Jul. 1, 2015, Orbit Irrigation Products, Inc.

(Continued)

Primary Examiner — Sandra Snapp

(74) Attorney, Agent, or Firm — Austin Rapp & Hardman
(57) CLAIM

The ornamental design for a timer, as shown and described.

DESCRIPTION

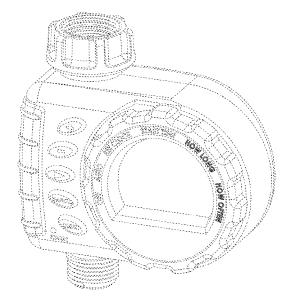
FIG. 1 is front, perspective view of a timer, according to our new design;

FIG. 2 is a front view of the timer shown in FIG. 1; and,

FIG. 3 is an enlarged view of the area identified by reference numeral 3 in FIG. 2.

The features depicted in evenly spaced dashed lines are shown to illustrate portions of the timer that form no part of the claimed design. The dot-dot-dash lines shown in the drawings depict boundaries and form no part of the claimed design.

1 Claim, 3 Drawing Sheets



(56)**References** Cited

U.S. PATENT DOCUMENTS

5,135,168 A	8/1992	Wang
5,262,936 A	11/1993	Faris et al.
D365,771 S	1/1996	Clivio
D386,985 S	12/1997	Cameron
D388,818 S *	1/1998	Bajic D18/26
D400,568 S *	11/1998	Jacobi, Jr D18/24
D400,508 S D427,085 S	6/2000	Steinhagen
D427,083 S D450,604 S	11/2001	Stekelenburg
D452,695 S	1/2002	Miller
D452,095 S D467,187 S *	12/2002	Clivio D10/40
D467,821 S	12/2002	Ogawa
D476,240 S	6/2002	Kuramochi et al.
D485,502 S	1/2004	Clivio
D485,502 S D507,243 S	7/2005	Miller
7,225,057 B2	5/2007	Froman et al.
7,252,113 B2	8/2007	Jacobs et al.
7,404,415 B2	7/2008	Jacobs et al.
D582,797 S	12/2008	Fraser et al.
D636,278 S	4/2011	Franchini
D643,755 S	8/2011	Nies et al.
D647.411 S	10/2011	Barton et al.
D657,263 S	4/2012	Nies et al.
D657,264 S	4/2012	Nies et al.
8,160,750 B2	4/2012	Weiler
D658,519 S	5/2012	Connolly et al.
D659,029 S	5/2012	Connolly et al.
8,251,300 B2	8/2012	Wilson
D679,259 S	4/2012	Franchini
D679,260 S	4/2013	Franchini
D682,714 S *	5/2013	Barton D10/40
D705,087 S *	5/2014	Monachon D10/31
D713,271 S *	9/2014	Ericksen A01G 25/165
D/10,2/1 0	5,2011	D10/40
D729,639 S *	5/2015	Lin D10/40
D736,104 S	8/2015	Ericksen et al.
D750,506 S	3/2016	Ericksen et al.
D750,977 S	3/2016	Ericksen et al.
D764,950 S *	8/2016	Cheng D10/40
D764,951 S *	8/2016	Cheng D10/40
D769,742 S *	10/2016	Cheng D10/40
D770.311 S	11/2016	Ericksen et al.
D770,918 S *	11/2016	Cheng D10/40
D772,083 S *	11/2016	Cheng D10/40
D772,732 S *	11/2016	Lin D10/40
2006/0011243 A1	1/2006	Jacobs et al.
2009/0001193 A1	1/2009	Parsons et al.
2010/0230510 A1*	9/2010	Wilson A01G 25/165
		239/70

OTHER PUBLICATIONS

U.S. Appl. No. 29/546,843, filed Nov. 25, 2015, Orbit Irrigation Products, Inc.

U.S. Appl. No. 29/546,847, filed Nov. 25, 2015, Orbit Irrigation Products, Inc.

Orbit Irrigation Products, Inc., The product(s) shown in attachment 1 were sold or offered for sale by Orbit Irrigation Products, Inc., on or before Nov. 2008.

Robert Bosch Tool Corporation, The product(s) shown in attachment 2 were sold or offered for sale by Robert Bosch Tool Corporation under the brand name Nelson on or before Mar. 19, 2013.

Melnor, Inc., The product(s) shown in attachment 3 were sold or offered for sale by Melnor, Inc., on or before Mar. 19, 2013.

Melnor, Inc., AquaTimers, Web page retrieved on Jun. 17, 2013, apparently published on or before Feb. 10, 2012, web.archive.org/ web/20120210191541/http://www.melnor.com/products-aquatimers.php.

Melnor, Inc., AquaTimers, Web page retrieved on Jun. 17, 2013, apparently published on or before Jun. 24, 2012, web.archive.org/ web/20120624233645/http://www.melnor.com/products-aquatimers.php.

Robert Bosch Tool Corporation, Nelson, Web page retrieved on Jun. 17, 2013, apparently published on or before Mar. 27, 2012, web. archive.org/web/20120327000229/http://www.lmelson.com/products/water-conservation2/water-timers/.

Robert Bosch Tool Corporation, Nelson, Web page retrieved on Jun. 17, 2013, apparently published on or before Jul. 9, 2012, web. archive.org/web/20120709203520/http://www.lmelson.com/products/water-conservation2/water-timers/.

Rain Bird Corporation, the product(s) shown in attachment 8 was sold or offered for sale by Rain Bird Corporation at least by Mar. 19, 2012

Orbit Irrigation Products, Inc., the product(s) shown in attachment 9 were sold or offered for sale by Orbit Irrigation Products, Inc., at least by Mar. 19, 2012.

Orbit Irrigation Products, Inc., the product shown in attachment 10 was sold or offered for sale by Orbit Irrigation Products, Inc., at least by Mar. 19, 2012.

Restriction Requirement, U.S. Appl. No. 29/450,680, Mailed on Feb. 2, 2014.

Restriction Requirement Response, U.S. Appl. No. 29/450,680, Dated Apr. 14, 2014.

Restriction Requirement, U.S. Appl. No. 29/500,449, Mailed on Oct. 1, 2014.

Restriction Requirement Response, U.S. Appl. No. 29/500,449, Dated Dec. 1, 2014.

Notice of Allowance and Fees(s) Due (including a Notice of Allowability for a Design Application, a Restriction/Election section, an Examiner's Amendment section, an Amendment to the Specification section), U.S. Appl. No. 29/500,449, Mailed on Dec. 17, 2014.

Continued Prosecution Application, U.S. Appl. No. 29/500,449, Dated Mar. 17, 2015.

Notice of Allowance and Fees(s) Due (including a Notice of Allowability for a Design Application, a Continued Prosecution Application section, and Examiner's Amendment section, an Amendment to the Specification section), U.S. Appl. No. 29/500,449, Mailed on Apr. 6, 2015.

Notice of Allowance and Fee(s) Due (including a Notice of Allowability for a Design Application, a Restriction/Election Requirement section, an Examiner's Amendment section, an Amendment to the Drawing section and an Amendment to the Specification section), U.S. Appl. No. 29/546,843, Mailed on Dec. 30. 2015.

Notice of Allowance and Fee(s) Due (including a Notice of Allowability for a Design Application, a Restriction/Election Requirement section, an Examiner's Amendment section, an Amendment to the Drawing section and an Amendment to the Specification section), U.S. Appl. No. 29/532,141, Mailed on Dec. 31, 2015.

U.S. Appl. No. 29/532,141, Continued Prosecution Application, mailed on Mar. 30, 2016.

U.S. Appl. No. 29/532,141, Notice of Allowance and Fee(s) Due (including a Notice of Allowability for a Design Application, an Examiner's Amendment section, an Election/Restrictions section, a Specification section, a first Drawings section, and a second Drawings section), Mailed on Jun. 29, 2016.

Notice of Allowance and Fee(s) Due (including a Notice of Allowability for a Design Application, a Restriction/Election Requirement section, an Examiner's Amendment section, an Amendment to the Drawing section and an Amendment to the Specification section), U.S. Appl. No. 29/546,847, Mailed on Dec. 31, 2015.

Co-Pending U.S. App. No. 29/582,674, filed Oct. 28, 2016, Orbit Irrigation Products, Inc.

Notice of Allowance and Fee(s) Due (including a Corrected Notice of Allowability For A Design Application section, an Examiner's Comment section, and an Information Disclosure Statement section), U.S. Appl. No. 29/546,847, Mailed on Feb. 2, 2016 (shown in attachment 23).

Notice of Allowance and Fee(s) Due (including a Corrected Notice of Allowability For A Design Application section, an Examiner's

(56) **References Cited**

OTHER PUBLICATIONS

Comment section, and an Information Disclosure Statement section), U.S. Appl. No. 29/546,847, Mailed on Feb. 4, 2016 (shown in attachment 24).

attachment 24). Notice of Allowance and Fee(s) Due (including a Corrected Notice of Allowability For A Design Application section, an Examiner's Comment Section, and an Information Disclosure Statement section), U.S. Appl. No. 29/546,843, Mailed on Jan. 29, 2016 (shown in attachment 25).

Amendment After Allowance, U.S. Appl. No. 29/546,843, Dated Jan. 15, 2016 (shown in attachment 26).

* cited by examiner

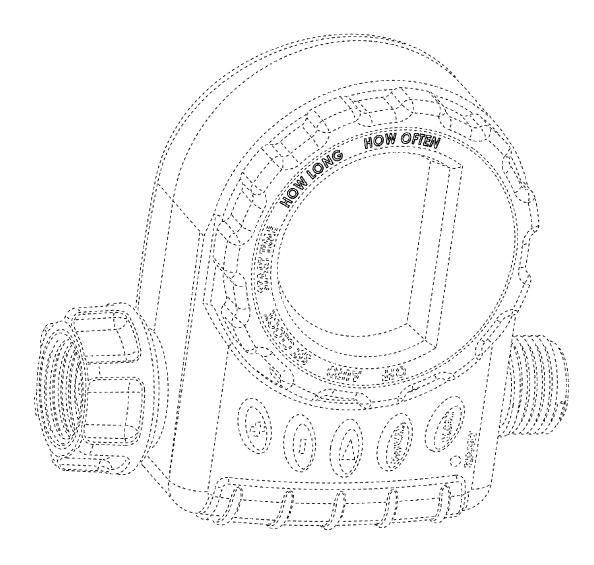


FIG. 1

