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(12) **United States Plant Patent**  
**Hansen**

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(54) **ACHILLEA PLANT NAMED ‘FIREFLY PEACH SKY’**

CPC ... A01H 5/02; A01H 5/00; A01H 6/14; A01H 6/04; A01H 6/06; Y02A 40/138  
See application file for complete search history.

(50) Latin Name: *Achillea* hybrid  
Varietal Denomination: ‘Firefly Peach Sky’

(56) **References Cited**

(71) Applicant: **Hans A Hansen**, Zeeland, MI (US)

**PUBLICATIONS**

(72) Inventor: **Hans A Hansen**, Zeeland, MI (US)

Friends of the UC Davis Arboretum & Public Garden 2019, retrieved on May 18, 2020, retrieved from the Internet at [https://arboretum.ucdavis.edu/sites/g/files/dgvnsk1546/files/inline-files/Final\\_Web\\_INV\\_9\\_28\\_19\\_0.pdf](https://arboretum.ucdavis.edu/sites/g/files/dgvnsk1546/files/inline-files/Final_Web_INV_9_28_19_0.pdf), pp. 1-2. (Year: 2019).\*

(73) Assignee: **Walters Gardens, Inc**, Zeeland, MI (US)

(\*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

\* cited by examiner

*Primary Examiner* — June Hwu

(21) Appl. No.: **16/602,658**

(57) **ABSTRACT**

(22) Filed: **Nov. 15, 2019**

A new and distinct Yarrow, *Achillea* plant named ‘Firefly Peach Sky’, with tall mounded habit, narrow, gray-green, finely-dissected, fern-like foliage; tall, stiff, heavily branched stems with light peachy-orange ray florets that mature to yellow in large cymes, beginning in late June and continuing for about five weeks and repeating if dead-headed. The new plant is useful for landscaping, as a specimen or en masse and as a cut flower.

(51) **Int. Cl.**  
*A01H 5/02* (2018.01)  
*A01H 6/14* (2018.01)

(52) **U.S. Cl.**  
USPC ..... **Plt./263.1**

(58) **Field of Classification Search**  
USPC ..... **Plt./263.1**

**1 Drawing Sheet**

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Botanical designation: *Achillea* hybrid.  
Cultivar denomination: ‘Firefly Peach Sky’.

**STATEMENT REGARDING PRIOR DISCLOSURES UNDER 37 CFR 1.77(B)(6)**

The first public disclosure of the claimed plant, in the form of a sale, was made by Walters Gardens, Inc. on Apr. 1, 2019. Prior to that, on Dec. 1, 2018 the claimed plant was displayed as a photograph with a brief description on a website operated by Walters Gardens, Inc., followed by listing with a photograph and brief description in the Walters Gardens 19-20 Catalog circulated on May 29, 2019. Walters Gardens, Inc. obtained the plant and all information relating thereto, from the inventor. No plants of *Achillea* ‘Firefly Peach Sky’ have been sold, in this country or anywhere in the world, nor has any disclosure of the new plant been made, more than one year prior the filing date of this application, and such sale or disclosure within one year was either derived directly or indirectly from the inventor.

**BACKGROUND OF THE PLANT**

The present invention relates to the new and distinct yarrow herein also referred to as *Achillea* ‘Firefly Peach Sky’, by the cultivar name, ‘Firefly Peach Sky’, or as the new plant. The new plant was selected by the inventor as a single seedling resulting from a self-pollination of a proprietary, unreleased, unnamed seedling known only by the breeder code 13-5-8 (not patented) in research facility of a wholesale perennial grower based in Zeeland, Mich., USA. The cross was performed on Jun. 23, 2014 and seeds from

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this cross were collected on Sep. 23, 2014. The single seedling was then isolated and compared in subsequent years to other Yarrow and subsequently found to be different from all cultivars known to the discoverer and eventually given the breeder code 14-23-2.

Asexual propagation at the same nursery in Zeeland, Mich., USA by shoot tip cuttings and division since August of 2016 has shown ‘Firefly Peach Sky’ to be stable and reproduce true to type in successive generations.

**SUMMARY OF THE PLANT**

*Achillea* ‘Firefly Peach Sky’ has not been observed in all possible environmental conditions. The phenotype may vary slightly with changes in environments such as light intensity, fertility, water availability, etc. without, however any variation in genotype.

*Achillea* ‘Firefly Peach Sky’ is distinct from all cultivars known to the inventor in the following traits:

1. Mounded upright habit about 90 cm tall and 100 cm wide;
2. Gray-green finely dissected foliage;
3. Heavily-branched compound corymbs with broad clusters of inflorescences;
4. Light peachy-orange ray florets that mature to yellow;
5. Sturdy stems withstand wind and rain;
6. Long flowering period beginning late June and continuing for about five weeks;
7. Repeat flowering if deadheaded.

Plants of *Achillea* ‘Firefly Peach Sky’ are most similar to ‘Pineapple Mango’ U.S. Plant Pat. No. 22,302 and ‘Peachy



Seduction' U.S. Plant Pat. No. 22,262. 'Pineapple Mango' is smaller in habit, both shorter and narrower than the new plant and the ray florets display different coloration. 'Peachy Seduction' is smaller and less upright in habit, the inflorescences and ray florets are on smaller stems with ray florets of a different color. Photographs or plants of the parent selection were not maintained, so no comparison with the parents are possible.

#### BRIEF DESCRIPTION OF THE DRAWINGS

The color drawings illustrate the overall characteristics of *Achillea* 'Firefly Peach Sky' as a two-year-old plant in a full-sun trial garden in Zeeland, Mich. The colors are as true as reasonably possible given the technology available. The color values may vary slightly depending on light intensity and quality.

FIG. 1 shows the new plant in a trial facility.

FIG. 2 shows a close-up of the inflorescence of the new plant.

#### DETAILED BOTANICAL DESCRIPTION

The following description of the new plant is based on a three-year-old plant growing in a full-sun trial garden in Zeeland, Mich., USA. Environmental conditions for the growing season daytime temperatures range between 12-30° C., and night temperatures range between 6-19° C. Except for ordinary dictionary color usage, color references are according to The Royal Horticultural Society Colour Chart, 2015 edition.

Parentage: Female or seed parent 13-5-8; male or pollen parent 13-5-8;

Asexual propagation: Shoot tip cuttings, about 10 to 14 days to initiate roots; time to finish as # 1 field grown size about 9 months;

Plant habit: Dense axillary branches; upright, heavily-branched, herbaceous, winter-hardy, perennial mound; up to 90.0 cm tall and 100.0 cm wide; average about 82.0 cm tall and about 88.0 cm across;

Leaves: Alternate; canescent; pinnatisect with lobules incised to midrib; lanceolate; acute apex; base attenuate; cauline leaves sessile; micro-lanulose abaxial and glabrous adaxial; up to about 41.0 cm long and about 4.5 cm wide with individual lobes to about 30.0 mm long and about 14.0 mm wide; average leaf size about 19 cm long and 3.5 cm wide;

Leaf color: Young expanding leaves adaxial lobes nearest RHS N138B and midrib nearest RHS 147C, abaxial lobes nearest RHS N138B and midrib nearest RHS 191C; mature leaves adaxial lobes nearest RHS NN137C and midrib nearest RHS 192D, abaxial lobes nearest RHS 137B and midribs nearest RHS 148D;

Foliage fragrance: Slightly herbal;

Veins: Pinnate; only adaxial and abaxial midrib obvious; abaxial midrib costate, adaxial midrib flat; adaxial sparsely lanulose, abaxial lanulose;

Petiole: Channeled; lanulose; to 5.0 cm long and 4.0 mm wide at base; color nearest blend between RHS 145A and RHS 146D;

Stems: Upright; cylindrical; lanulose to micro-pubescent; longitudinally ridged in distal portion; color nearest RHS 137B proximally, distally striped RHS 137B and RHS 192B; flowering in upper 12.0 cm and 15 cm across; branches to about 22.0 cm long and 6.0 mm diameter at base;

Inflorescence: Individual inflorescence about 7.0 mm diameter, about 7.0 mm tall from bottom of involucre bracts to top of center disk tepals; disk about 3.0 mm across; attitude mostly upright; branching with about 500 inflorescences per stem; branched panicle average size about 18.0 cm across;

Receptacle: About 4.0 mm tall and 3.0 mm across; color nearest RHS 148D;

Inflorescence fragrance: Not detected;

Phyllaries: About 15 in two whorls; lanceolate; acute apex; truncate base; margin entire and ciliolate; outer or lower set about 2.0 mm long and 1.0 mm across, inner set about 4.0 mm long and 1.5 mm across; glabrous adaxial, puberulent abaxial; tightly adpressed against ray petals; Phyllary color: Adaxial and abaxial nearest RHS 137B with midrib and margin nearest RHS 155C;

Bristles: Membranous; numerous; about 3.0 mm long and 0.5 mm across; color nearest RHS 155D;

Flowering period: Late June, for at least five weeks and repeating if deadheaded;

Flower longevity: 4 to 6 days;

Inflorescence buds: With ray florets still erect 6.0 mm tall and 3.5 mm across; ovoid;

Inflorescence bud color: Ray florets while still upright exposed abaxial petal color nearest RHS 11D with a rim of nearest RHS 53B; phyllaries color nearest RHS 137B with midrib and margin nearest RHS 155D;

Pedicel: Cylindrical; lanulose; strong; upright attitude; heavily branched; up to 6.0 mm long and 0.7 mm diameter; average 3.5 mm long; and 0.5 mm diameter;

Pedicel color: Color nearest RHS 138A;

Ray florets: Imperfect; pistillate; typically about five per inflorescence; with style about 2.0 mm long and split stigma;

Ray floret ligule: Rounded with basal claw; apex rounded, emarginate with two notches about 0.3 mm deep, margin entire; base claw, attenuate; opening to a 90° angle; glabrous adaxial and adaxial; blade about 2.0 mm long and about 3.3 mm wide; basal claw about 2.5 mm long and about 1.0 mm across;

*Young ray floret ligule color when first flat.*—Adaxial nearest mixture of RHS 53A, RHS 53B and RHS 28D, abaxial nearest RHS 11D with rim and blush of nearest RHS 53B and claw base nearest RHS 145A.

*Mature ray floret ligule color.*—Adaxial nearest RHS 11D with blush of nearest RHS 183D; abaxial nearest RHS NN155A with claw nearest RHS 145A.

*Ray floret ligule color before dehiscing.*—Adaxial nearest RHS NN155B; abaxial nearest RHS NN155A with claw nearest RHS 145A.

*Style.*—Cylindrical; about 2.0 mm long and 0.1 mm diameter; exserted; color nearest RHS 147D proximally and nearest RHS 13C distally.

*Stigma.*—Bifid; about 0.5 mm long and 0.2 mm diameter; color nearest RHS 168B.

Disk florets: About 20 to 28 per capitulum; tubular; glabrous; consisting of five tepals, staminal tube and pistil; size about 3.5 mm long by 1.5 mm wide at apex;

*Tepals.*—Five; linear; fused in basal 3.0 mm; apex acute and recurved; margin entire; 3.5 mm long and 0.5 mm wide at fusion.

*Tepal color.*—When first open variable nearest RHS 11B to RHS 11C adaxial with faint blush of nearest RHS 183D and abaxial RHS 11B to RHS 11C with

moderate blush of nearest RHS 183D; when mature adaxial and abaxial nearest RHS 11B.

*Staminal tube*.—Made up of five adnate stamens; about 2.0 mm long.

*Filaments*.—Cylindrical; about 0.5 mm long and 0.1 mm diameter; color nearest RHS NN155A.

*Anther*.—About 1.2 mm long; color nearest RHS 162A.

*Pollen*.—Fine, round, closest to RHS 17C.

*Style*.—Bifid; cylindrical; exerted; about 2.0 mm long and 0.2 mm diameter; color nearest RHS 147D proximally and nearest RHS 13C distally.

*Stigma*.—Bifid; reflexing as it matures; about 0.5 mm long; color nearest RHS 168B.

Seed: Flattened deltoid; acute apex and truncate base; surface glabrous; about 2.0 mm long and 0.7 mm across base;

Seed color: Between RHS 165A and RHS 165B in center and RHS 161D around edges; *Achillea* 'Firefly Peach Sky' is tolerant of winter temperatures as low as  $-35^{\circ}$  C. and summer temperatures as high as  $38^{\circ}$  C. It is not known to be tolerant of diseases and pest that are common to other *Achillea* cultivars.

I claim:

1. A new and distinct cultivar of *Achillea* plant named 'Firefly Peach Sky' as described and illustrated.

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FIG. 1

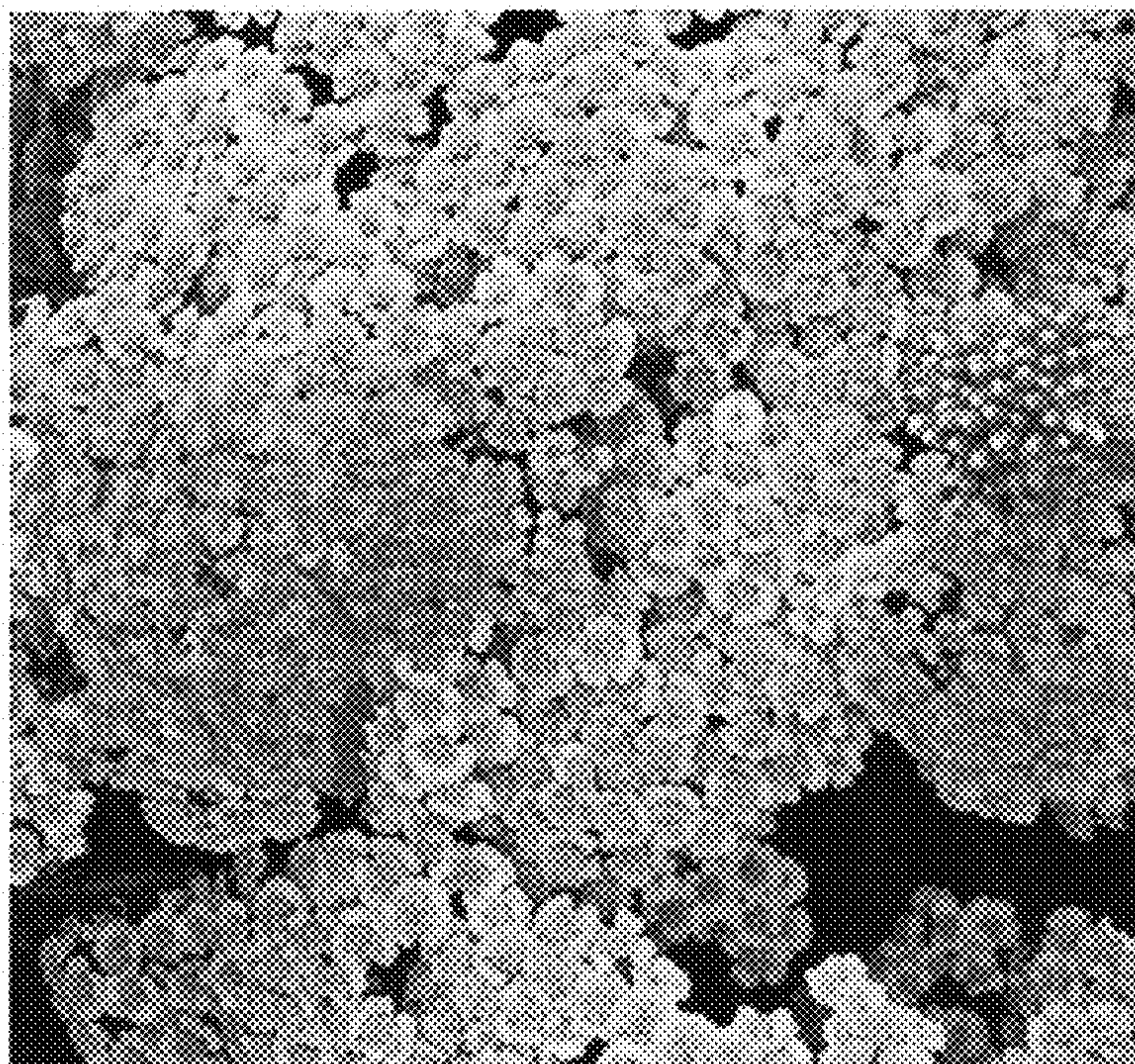


FIG. 2