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Stemkens

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(54) **VERBENA PLANT NAMED ‘VEAZ0046’**

(50) Latin Name: *Verbena hybrida*
Varietal Denomination: **VEAZ0046**

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patent is extended or adjusted under 35
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A01H 5/02 (2018.01)

(52) **U.S. Cl.**
USPC **Plt./308**
CPC **A01H 5/02** (2013.01)

(58) **Field of Classification Search**
USPC Plt./308
See application file for complete search history.

(56) **References Cited**

PUBLICATIONS

PLUTO Plant Variety Database Mar. 3, 2018. p. 1.*

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(57) **ABSTRACT**

A new *Verbena* plant named ‘VEAZ0046’ particularly distinguished by large sized inflorescences, large sized flowers, that are fluorescent rose, dark green, undivided leaves, and a first semi-upright and later spreading and trailing plant habit.

1 Drawing Sheet

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Latin name of the genus and species of the plant claimed:
Verbena hybrida.

Varietal denomination: ‘VEAZ0046’.

BACKGROUND OF THE NEW PLANT

The present invention comprises a new *Verbena*, botanically known as *Verbena hybrida*, and hereinafter referred to by the variety name ‘VEAZ0046’.

‘VEAZ0046’ is a product of a planned breeding program. The new cultivar has large sized inflorescences, large sized flowers, that are fluorescent rose, dark green, undivided leaves, and a first semi-upright and later spreading and trailing plant habit.

‘VEAZ0046’ originated from an open cross made in July 2011 in the greenhouse in Enkhuizen, The Netherlands.

The female parent was an unpatented proprietary plant designated ‘N1417-2’, having a flower color that is rose with white eye, medium sized leaves and an upright plant habit.

The male parent was also an unpatented proprietary plant designated ‘N1432-6’ having a dark rose flower color, very trailing vigorous plant habit and very small leaves.

The resulting seed was sown in February 2012 in a greenhouse in Enkhuizen, The Netherlands, and ‘VEAZ0046’ was selected as one flowering plant within the progeny of the stated cross in May 2012.

The first act of asexual reproduction of ‘VEAZ0046’ was accomplished when vegetative cuttings were propagated from the initial selection in June 2012 in a greenhouse in Enkhuizen, The Netherlands.

BRIEF SUMMARY OF INVENTION

Horticultural examination of plants grown from cuttings of the plant initiated in the fall of 2012, and continuing

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thereafter, has demonstrated that the combination of characteristics as herein disclosed for ‘VEAZ0046’ are firmly fixed and are retained through successive generations of asexual reproduction.

5 ‘VEAZ0046’ has not been observed under all possible environmental conditions. The phenotype may vary significantly with variations in environment such as temperature, light intensity, and day length.

10 A Plant Breeder’s Right for this cultivar was applied for in the European Union on Sep. 20, 2016, No. 2016/2290. ‘VEAZ0046’ has not been made publicly available prior to the effective filing date of this application, notwithstanding any disclosure that may have been made less than one year prior to the effective filing date of this application by the inventor or another who obtained ‘VEAZ0046’ directly from the inventor.

15 The following traits have been repeatedly observed and are determined to be basic characteristics of the new variety. The combination of these characteristics distinguishes this *Verbena* as a new and distinct variety.

BRIEF DESCRIPTION OF THE PHOTOGRAPHS

25 The accompanying photographic drawings show typical flower and foliage characteristics of ‘VEAZ0046’ with colors being as true as possible with an illustration of this type.

30 The photographic drawing in FIG. 1 shows a close view of an inflorescence of the new plant, and in FIG. 2 a whole flowering plant. The aforementioned photographs were taken in late April 2017 in Andijk, The Netherlands. The plants were about 10 weeks old and were grown in 12 cm pots.

DETAILED BOTANICAL DESCRIPTION

Color references are made to The Royal Horticultural Society Colour Chart (R.H.S.) 2001.

TABLE 1

DIFFERENCES BETWEEN THE NEW VARIETY 'VEAZ0046' AND A MOST SIMILAR VARIETY		
	'VEAZ0046'	'Blues Neon'
Earliness:	Earlier	Later
Flower size:	Large	Medium
Plant vigor:	More compact	More vigorous

Plant:

Form, growth and habit.—Herbaceous, initially upright, then outwardly spreading; vigorous and free-branching.
Plant height.—15.5 cm.
Plant height (inflorescence included).—18.6 cm.
Plant width.—38.5 cm.

Roots:

Number of days to initiate and produce roots.—9-13 days at about 22 degrees C.
Type.—Fine, fibrous, free branching.
Color.—RHS N155A but whiter.

Foliage:

Arrangement.—Opposite, simple.
Immature, leaf color, upper surface.—RHS 137C.
Immature, leaf color, lower surface.—RHS 137C.
Mature, leaf color, upper surface.—RHS 137B.
Mature, leaf color, lower surface.—RHS 137C.
Length.—About 4 cm.
Width.—3.2-3.7 cm.
Shape.—Ovate.
Base shape.—Cordate.
Apex shape.—Acute.
Margin.—Dentate.
Texture, upper surface.—Hirsute.
Texture, lower surface.—Hirsute.
Color of veins, upper surface.—RHS 137A.
Color of veins, lower surface.—RHS 137B.
Pattern of veining.—Pinnate.
Petiole color.—RHS 137B.
Petiole length.—1.2 cm.
Petiole width.—0.3 cm.
Texture.—Hirsute.

Stem:

Branching characteristics.—Makes branches on every node.
Quantity of main branches per plant.—About 21.
Color of stem.—RHS 137C.
Stem length.—About 14 to 17 cm.
Stem width.—About 0.4 cm.
Length of internodes.—2.2-4 cm.
Texture.—Hirsute.
Color of peduncle.—RHS 137B.
Length of peduncle.—About 2-2.4 cm.
Peduncle diameter.—0.2 cm.
Texture.—Canescent.

Inflorescence:

Type.—Umbel-like, but actually a spike, umbrella-shaped, large.
Blooming habit.—Flowers continuously through the summer months.

Lastingness of individual blooms on the plant.—About 5 days in the greenhouse.

Fragrance.—None.

Number of inflorescences per plant.—39 to 44 at various stages.

Horizontal diameter of inflorescence.—About 5.8 cm.

Depth of inflorescence.—3.2 cm.

Number of florets per inflorescence (including any buds at the time).—28-38.

Bud (just when opening/showing color):

Color.—RHS N74B.

Length.—0.4 cm.

Width.—0.4 cm.

Shape.—Tubular with a bulbous end.

Floret:

Form.—Sessile; salver-shape, composed of 5 partly fused petals with a base of a narrow tube.

Immature color, upper surface.—RHS N74A.

Immature color, lower surface.—RHS N74D.

Mature color, upper surface.—RHS N74B.

Mature color, lower surface.—RHS N74D.

Floret diameter.—2.5 to 2.7 cm.

Floret length (depth).—2.2-2.4 cm.

Number of petals.—Gamopetalous, 5 lobed.

Petal length.—1.3 cm.

Petal width.—0.9 cm.

Shape.—Obcordate.

Apex shape.—Emarginate.

Margin.—Entire.

Petal texture, upper surface.—Papillose; glabrous.

Petal texture, lower surface.—Papillose.

Corolla tube length.—1.4 cm.

Corolla tube width.—0.2 cm.

Corolla tube color inside.—RHS N74D.

Tube color outside.—RHS N74B.

Corolla texture, inside.—Papillose.

Corolla texture, outside.—Glabrous.

Throat hair color.—RHS 155C.

Calyx:

Type.—Five sepals whose margins are fused to each other along their length, with a transparent membrane of less than 0.1 cm in width and with one smaller sepal attached to the base of the calyx.

Color of sepals.—RHS 137C.

Length of sepals.—1.1 cm.

Width of sepals.—0.25 cm.

Sepal shape.—Linear, but fused.

Apex shape.—Acute.

Margins.—Entire.

Texture.—Densely covered with short hair.

Reproductive organs:

Gynoecium.—

Pistil.—1.

Pistil length.—1.4 cm.

Style color.—RHS N144D.

Style length.—1.5 cm.

Stigma color.—RHS 144C.

Ovary color.—RHS 144B.

Ovary length.—0.24 cm.

Ovary width.—0.1 cm.

Androecium.—

Stamens.—Anthers and filaments fused to upper half of corolla tube; four anthers with two pollen sacs per anther.
Color of filaments.—RHS 151B.

Filament length.—0.25 cm.
Anther color.—RHS 151B.
Anther length.—0.15 cm.
Pollen amount.—None observed.
Fertility/seed set: Neither seed nor fruit production has been
observed.

Disease/pest resistance: Resistance to pathogens and pests
common to *Verbena* has not been observed.
What is claimed is:
1. A new and distinct variety of *Verbena* plant named
'VEAZ0046' substantially as illustrated and described
herein.

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FIG. 1



FIG. 2