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**(12) United States Plant Patent  
Stemkens****(10) Patent No.: US PP22,535 P2****(45) Date of Patent: Feb. 28, 2012**(54) *VERBENA* PLANT NAMED ‘PUWYDENA’(50) Latin Name: *Verbena*×*hybrida*  
Varietal Denomination: **Puwydena**(75) Inventor: **Henricus Godefriedus Wilhelmus  
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(CH)(\*) Notice: Subject to any disclaimer, the term of this  
patent is extended or adjusted under 35  
U.S.C. 154(b) by 0 days.(21) Appl. No.: **12/924,086**(22) Filed: **Sep. 20, 2010**(51) **Int. Cl.**  
*A01H 5/00* (2006.01)(52) **U.S. Cl.** ..... **Plt./308**(58) **Field of Classification Search** ..... **Plt./308**  
See application file for complete search history.*Primary Examiner* — Susan McCormick Ewoldt(74) *Attorney, Agent, or Firm* — S. Matthew Edwards(57) **ABSTRACT**A new *Verbena* plant named ‘Puwydena’ particularly distin-  
guished by the bold-medium violet colored flowers with a  
distinct white eye, medium green foliage, medium sized  
creeping and trailing plant habit with good branching and is  
early to flower.**1 Drawing Sheet****1**Latin name of the genus and species of the plant claimed:  
*Verbena*×*hybrida*.

Varietal denomination: ‘Puwydena’.

**BACKGROUND OF THE NEW PLANT**The present invention comprises a new *Verbena*, botani-  
cally known as *Verbena*×*hybrida*, and hereinafter referred to  
by the variety name ‘Puwydena’.‘Puwydena’ is a product of a planned breeding program.  
The new cultivar has bold-medium violet colored flowers  
with a distinct white eye, medium green foliage, medium  
sized creeping and trailing plant habit with good branching  
and is early to flower.‘Puwydena’ originated from a open pollinated hybridiza-  
tion made in summer of 2005 in a controlled breeding envi-  
ronment in Enkhuizen, Netherlands. The female parent was  
the unpatented, proprietary plant designated ‘G1031-1’, with  
smaller purple flowers with a lighter edge and lighter leaves.The male parent of ‘Puwydena’ was an unpatented, propri-  
etary plant designated as ‘G0997-3’ with pink flowers, is later  
to flower and has ‘entire’ shaped margins on the foliage. The  
resultant seed was sown in February 2006.‘Puwydena’ was selected as one flowering plant within the  
progeny of the stated cross in the August 2006 in a controlled  
environment in Enkhuizen, Netherlands.The first act of asexual reproduction of ‘Puwydena’ was  
accomplished when vegetative cuttings were propagated  
from the initial selection in August 2006 in a controlled envi-  
ronment in Enkhuizen, Netherlands.**BRIEF SUMMARY OF INVENTION**Horticultural examination of plants grown from cuttings of  
the plant initiated in August 2006, and continuing thereafter,  
has demonstrated that the combination of characteristics as  
herein disclosed for ‘Puwydena’ are firmly fixed and are  
retained through successive generations of asexual reproduc-  
tion.‘Puwydena’ has not been observed under all possible envi-  
ronmental conditions. The phenotype may vary significantly  
with variations in environment such as temperature, light  
intensity and day length.Plant Breeder’s Right for this cultivar were applied for in  
Canada on Feb. 9, 2010 (10-6833) and in CPVO on Sep. 23,**2**2009 (2009/1859). ‘Puwydena’ has not been made publicly  
available more than one year prior to the filing of this appli-  
cation.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 *Ver-  
bena* as a new and distinct variety.**BRIEF DESCRIPTION OF THE PHOTOGRAPHS**The accompanying photographic drawing shows typical  
flower and foliage characteristics of ‘Puwydena’ with colors  
being as true as possible with an illustration of this type.The photographic drawing shows a flowering potted plant  
of the new variety and a close-up of the flowers.**DETAILED BOTANICAL DESCRIPTION**The aforementioned photographs were taken in April 2010  
from plants growing in a greenhouse trial in Gilroy, Calif.  
USA. These plants were growing in 4 inch pots and were  
approximately 15-16 weeks of age.The plant descriptions and measurements were taken in  
late May 2010 in Enkhuizen, Netherlands on about 12 week  
old plants that had been planted into 12 cm pots and were  
grown on benches in a greenhouse at a minimum temperature  
(heating temperature) of 12° C. From April on, a minimum  
night temperature of 8° C. was held, while day temperatures  
were much higher, depending on outdoor temperature.Color references are made to The Royal Horticultural Soci-  
ety Colour Chart (R.H.S.) 2001.**TABLE 1****DIFFERENCES BETWEEN THE NEW VARIETY ‘PUWYDENA’  
AND A SIMILAR VARIETY**

	‘Puwydena’	‘Sunmaref TP-V’ (U.S. Plant Pat. No. 9,411)
Flower color:	Violet with white eye	Purple blue without eye
Earliness to flower:	Early	Late
Flower size:	Medium	Small

## Plant:

*Form, growth and habit.*—Herbaceous, initially spreading, later becoming decumbent to trailing.

*Plant height.*—About 8 cm.

*Plant height (inflorescence included).*—10-13 cm.

*Plant width.*—About 36 cm.

## Roots:

*Number of days to initiate and produce roots.*—About 10-14 days at about 22 degrees C.

*Type.*—Fine, fibrous, free branching.

*Color.*—RHS N155B.

## Foliage:

*Arrangement.*—Alternate, simple.

*Immature, leaf color, upper surface.*—RHS 137D.

*Lower surface.*—RHS 138B.

*Mature, leaf color, upper surface.*—RHS 137B.

*Lower surface.*—RHS 138C.

*Length.*—3.8-5.4 cm.

*Width.*—2.2-3.4 cm.

*Shape.*—Ovate.

*Base shape.*—Acute to attenuate.

*Apex shape.*—Obtuse.

*Margin.*—Pinnatifid; entire but with incisions of about 0.9-1.2 cm.

*Texture, upper surface.*—Sparse short hairs.

*Lower surface.*—Short, stiff hairs mainly along with veins; some glandular hairs.

*Color of veins, upper surface.*—RHS 144A becoming indistinct.

*Color of veins, lower surface.*—RHS 145B.

*Petiole color.*—RHS 145B.

*Length.*—0.1-0.4 cm.

*Diameter.*—0.1-0.2 cm.

*Texture.*—Hirtellous.

## Stem:

*Characteristics.*—Side branches develop potentially at every node.

*Color of stem.*—RHS 137C.

*Length of stem.*—Approximately 16-28 cm.

*Diameter.*—0.3 cm.

*Length of internodes.*—Approximately 5-6 cm.

*Texture.*—Densely hirsute.

*Color of peduncle.*—RHS 138A.

*Length of peduncle.*—5-8 cm.

*Peduncle diameter.*—0.15-0.2 cm.

*Texture.*—Densely covered with short glandular hairs, hirtellous.

## Inflorescence:

*Type.*—Umbel-like, but actually a spike, umbrella-shaped to roughly semi-spherical.

*Blooming habit.*—Flowers continuously.

*Quantity of inflorescences per plant.*—15-20.

*Lastingness of individual blooms on the plant.*—About 6 days in the greenhouse.

*Fragrance.*—None.

*Inflorescence horizontal diameter.*—3.8-5.0 cm.

*Inflorescence depth (height).*—2.0-3.2 cm.

*Quantity of flowers and buds per inflorescence.*—20-30.

## Bud (just when starting to show color):

*Color.*—RHS N155B.

*Length.*—2.1-2.5 cm.

*Width.*—0.5-0.7 cm.

*Shape.*—Mainly tube-shaped with a bulbous end.

## Floret:

*Form and type.*—Sessile; salverform, composed of 5 partly fused petals with a base of a narrow tube.

*Immature color, upper surface.*—RHS 83B with an eye color of RHS 155B of about 0.3 cm wide. Lower surface: RHS 83C.

*Mature color, upper surface.*—RHS 83B with an eye color of about RHS 155B of about 0.3 cm wide. Lower surface: RHS 83D.

*Floret diameter.*—1.8-2.2 cm.

*Floret depth.*—1.8-2.3 cm.

*Length of petals.*—0.6-0.9 cm.

*Width of petals.*—0.6-1.0 cm.

*Petal shape.*—Obovate.

*Apex shape.*—Emarginate.

*Margin.*—Entire.

*Petal texture, upper surface.*—Smooth and glabrous. Lower surface: Smooth and glabrous.

*Corolla tube length.*—1.7-2.0 cm.

*Corolla tube color inside.*—RHS 150C. Tube color outside: RHS 150D.

*Corolla texture, inside.*—Glabrous. Outside: Glabrous basally; glandular hairs at the flare.

## 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 143B to RHS 143C.

*Length of sepals.*—1.0-1.2 cm.

*Width of sepals.*—0.2-0.3 cm.

*Sepal shape.*—Linear.

*Apex shape.*—Acute.

*Margins.*—Entire.

*Texture.*—Densely covered with short hair.

## Reproductive organs:

*Pistil.*—1.

*Length.*—1.4-2.0 cm.

*Style color.*—RHS 144B.

*Style length.*—1.3-1.8 cm.

*Stigma color.*—RHS 143B.

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

*Color of filaments.*—RHS 150D to RHS 155B.

*Length filaments.*—0.1 cm.

*Anther color.*—RHS N144B.

*Length of anthers.*—0.1-0.15 cm.

*Color of pollen.*—RHS 1B.

*Pollen amount.*—Moderate.

*Fertility/seed set.*—Has not been observed on this hybrid.

Disease/pest resistance: Disease/pest resistance has not been observed on this hybrid.

What is claimed is:

1. A new and distinct variety of *Verbena* plant named 'Puwydena' substantially as illustrated and described herein.

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