



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

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(54) ***PLECTRANTHUS* PLANT NAMED**  
**‘LIMPLEP 1’**

(50) Latin Name: *Plectranthus parviflorus*  
Varietal Denomination: **Limplep 1**

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patent is extended or adjusted under 35  
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See application file for complete search history.

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(57) **ABSTRACT**

A distinct cultivar of *Plectranthus* plant named ‘Limplep 1’,  
characterized by its upright, mounded and compact plant  
habit; vigorous and freely branching growth habit; green and  
creamy white variegated foliage; numerous violet blue-  
colored flowers on erect flowering spikes; and good garden  
performance.

**1 Drawing Sheet**

## 1

Botanical classification/cultivar designation: *Plectranthus*  
*parviflorus* cultivar Limplep 1.

### BACKGROUND OF THE INVENTION

The present Invention relates to a new and distinct culti-  
var of *Plectranthus* plant, botanically known as *Plectranthus*  
*parviflorus*, and hereinafter referred to by the name ‘Limp-  
lep 1’.

The new *Plectranthus* is a naturally-occurring whole plant  
mutation of an unnamed selection of *Plectranthus*  
*parviflorus*, not patented. The new *Plectranthus* was discov-  
ered and selected by the Inventor as a single plant from  
within a population of plants of the parent selection in a  
controlled environment in Rochedale, Queensland, Australia  
in 2000.

Asexual reproduction of the new cultivar by cuttings  
taken in a controlled environment in Brisbane, Queensland,  
Australia since 2001, has shown that the unique features of  
this new *Plectranthus* are stable and reproduced true to type  
in successive generations.

### SUMMARY OF THE INVENTION

Plants of the cultivar Limplep 1 have not been observed  
under all possible environmental conditions. The phenotype  
may vary somewhat with variations in environment and  
culture such as temperature and light intensity without,  
however, any variance in genotype.

The following traits have been repeatedly observed and  
are determined to be the unique characteristics of ‘Limplep  
1’. These characteristics in combination distinguish ‘Limp-  
lep 1’ as a new and distinct cultivar of *Plectranthus*:

1. Upright, mounded and compact plant habit.
2. Vigorous and freely branching growth habit.
3. Green and creamy white variegated foliage.
4. Numerous violet blue-colored flowers on erect flow-  
ering spikes.
5. Good garden performance.

## 2

Plants of the new *Plectranthus* are most similar to plants  
of the parent selection. In side-by-side comparisons con-  
ducted in Brisbane, Queensland, Australia, plants of the new  
*Plectranthus* differed from plants of the parent selection in  
the following characteristics:

1. Plants of the new *Plectranthus* had variegated foliage  
whereas plants of the parent selection had nonvarie-  
gated foliage.

2. Plants of the new *Plectranthus* had darker violet  
blue-colored flowers than plants of the parent selection.

Plants of the new *Plectranthus* can also be compared to  
plants of the *Plectranthus* cultivar P000603, disclosed in  
U.S. Plant Pat. No. 16,002. Plants of the new *Plectranthus*  
differ primarily from plants of the cultivar P000603 in leaf  
and flower coloration as plants of the cultivar P000603 have  
dark green-colored leaves and pink-colored flowers.

### BRIEF DESCRIPTION OF THE PHOTOGRAPHS

The accompanying colored photographs illustrate the  
overall appearance of the new cultivar, showing the colors as  
true as it is reasonably possible to obtain in colored repro-  
ductions of this type. Colors in the photographs may differ  
slightly from the color values cited in the detailed botanical  
description which accurately describe the colors of the new  
*Plectranthus*.

The photograph at the bottom of the sheet comprises a  
side perspective view of a typical flowering plant of ‘Limp-  
lep 1’.

The photograph at the top of the sheet comprises a  
close-up view of a typical leaves and flowers of ‘Limplep 1’.

### DETAILED BOTANICAL DESCRIPTION

The aforementioned photographs and following observa-  
tions and measurements describe plants grown in Bonsall,  
Calif., under commercial practice during the summer in an  
outdoor nursery with day temperatures ranging from 18 to  
35° C. and night temperatures ranging from 10 to 21° C.  
Plants were grown with one rooted cutting per 10-cm



container for about seven weeks. In the following description, color references are made to The Royal Horticultural Society Colour Chart, 1995 Edition, except where general terms of ordinary dictionary significance are used.

Botanical classification: *Plectranthus parviflorus* cultivar Limplep 1.

Parentage: Naturally-occurring whole plant mutation of an unnamed selection of *Plectranthus parviflorus*, not patented.

Propagation:

*Type cutting*.—Vegetative cuttings.

*Time to initiate roots*.—About two weeks at 21° C.

*Time to develop roots*.—About three weeks at 21° C.

*Root description*.—Fine; whitish in color.

*Rooting habit*.—Freely branching; dense.

Plant description:

*Form*.—Upright, mounded and compact plant habit.

Freely branching with about five to six primary lateral branches and numerous secondary branches; dense and bushy appearance. Vigorous growth habit.

*Plant height (soil level to top of foliage)*.—About 25 cm.

*Plant height (soil level to top of inflorescences)*.—About 41 cm.

*Plant diameter*.—About 33 cm.

*Lateral branches*.—Length: About 23 cm. Diameter: About 5.5 mm. Internode length: About 3 cm. Strength: Moderately strong. Texture: Tomentose. Color: 148A tinged with 60B.

*Foliage description*.—Arrangement: Opposite, simple. Length: About 6 cm. Width: About 4.2 cm. Shape: Elliptic. Apex: Broadly acute; slightly recurved. Base: Attenuate. Margin: Crenate. Aspect: Mostly flat. Texture, upper and lower surfaces: Tomentose; velvety. Venation pattern: Pinnate, arcuate. Petiole length: About 2.5 mm. Petiole diameter: About 2 mm. Petiole texture, upper and lower surfaces: Tomentose; velvety. Color: Developing foliage, upper surface: Center, 146B; towards the margins, 11C. Developing foliage, lower surface: Center, 148C; towards the margins, 11C to 11D. Fully expanded foliage, upper surface: Center, more gray than 137A; towards the margins, 158A. Fully expanded foliage, lower surface: Center, more gray than 147B; towards the margins, 158A to 158B. Venation, upper surface: 148A. Venation, lower surface: More gray than 147B. Petiole, upper and lower surfaces: 148A.

Flower description:

*Flower type and habit*.—Numerous single bilabiate flowers arranged in verticillasters arranged in terminal and axillary spikes. Individual flowers face mostly outward. Freely flowering with about 105 to 120 flowers buds, developing flowers and open flowers per spike. Flowers not persistent.

*Natural flowering season*.—Plants flower from August to November in Southern California; flowering continuous during this period.

*Flower longevity on the plant*.—About four to five days.

*Fragrance*.—None detected.

*Inflorescence length*.—About 15 cm.

*Inflorescence width*.—About 3 cm.

*Flowers*.—Appearance: Zygomorphic; bilabiate.

Length: About 1.4 cm. Diameter: About 6 mm.

*Flower buds*.—Length: About 5 mm. Diameter: About 2.5 mm. Shape: Elongated oblong. Color: 156D.

*Corolla*.—Petal arrangement/appearance: Bilabiate; five petals, upper two banner petals fused and lateral and lip petals fused, all five petals fused at base into a tubular structure. Petal length: Banner petals: About 3 mm. Lateral petals: About 1 mm. Lip petal: About 7 mm. Petal width: Banner petals: About 3 mm. Lateral petals: About 1 mm. Lip petal: About 5 mm. Petal shape: Rounded to oval. Petal apex: Rounded. Petal margin: Entire. Petal texture, upper and lower surfaces: Smooth; satiny. Petal color: When opening, upper surface: 97A to 97B; center, 92D. When opening, lower surface: 97D; towards the base, 155D. Fully opened, upper surface: 97A; center, 155D; nectar guides at base of banner petals, 90A. Fully opened, lower surface: 97B.

*Calyx*.—Arrangement: Cup-shaped calyx with five sepals fused at the base. Sepal length: About 1 mm. Sepal width: Less than 1 mm. Sepal shape: Elliptic. Sepal apex: Acute. Sepal margin: Entire. Sepal texture, upper and lower surfaces: Minutely tomentose. Sepal color, developing, upper and lower surfaces: 148B. Sepal color, fully expanded, upper and lower surfaces: 148A.

*Peduncles*.—Length: About 20 cm. Diameter: About 3 mm. Strength: Strong. Angle: Mostly upright. Texture: Tomentose. Color: 183A.

*Pedicels*.—Length: About 6 mm. Diameter: Less than 1 mm. Strength: Strong. Angle: Nearly horizontal. Texture: Minutely tomentose. Color: 183A.

*Reproductive organs*.—Stamens: Quantity per flower: Four. Anther shape: Oval. Anther length: Less than 1 mm. Anther color: 94A. Pollen amount: Scarce. Pollen color: 158A. Pistils: Quantity per flower: One. Pistil length: About 1 cm. Style length: About 9 mm. Style color: 97D. Stigma shape: Bi-parted. Stigma color: 97A. Ovary color: 148A.

*Seed/fruit*.—Seed nor fruit production has not been observed.

Disease/pest resistance: Plants of the new *Plectranthus* have not been noted to be resistant to pathogens or pests common to *Plectranthus*.

Garden performance: Plants of the new *Plectranthus* have been observed to have good garden performance and to be tolerant to rain, wind and temperatures ranging from 5 to 38° C.

It is claimed:

1. A new and distinct cultivar of *Plectranthus* plant named 'Limplep 1', as illustrated and described.

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