

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

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(54) **LUPINUS PLANT NAMED ‘PERSIAN SLIPPER’**

(50) Latin Name: *Lupinus hybridus*
Varietal Denomination: **Persian Slipper**

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patent is extended or adjusted under 35
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A01H 5/00 (2006.01)

(52) **U.S. Cl.** **Plt./263**

(58) **Field of Classification Search** **Plt./263**
See application file for complete search history.

(56) **References Cited**

PUBLICATIONS

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(57) **ABSTRACT**

‘Persian Slipper’ is a new variety of *Lupinus hybridus* that
exhibits numerous and large-shaped violet-colored flowers.

2 Drawing Sheets

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Botanical classification: *Lupinus hybridus*.
Varietal denomination: ‘Persian Slipper’.

BACKGROUND OF THE INVENTION

The present invention comprises a new and distinct cul-
tivar of *Lupinus hybridus* known by the varietal name
‘Persian Slipper’. The new variety was developed in Great
Britain. The new variety is a result of cross breeding Russell
Hybrid *Lupinus* Seedling #WCL 066/96 (female parent)
(unpatented) and an unknown *Lupinus* male parent
(unpatented). The purpose of the breeding program was to
develop a cultivar that exhibited improved color, habit, and
bloom form from other *Lupinus* varieties known to the
breeder. The new variety is similar in growth habit to its
female parent, but differs in flower color. The new variety is
similar in flower color to *Lupinus hybridus* ‘The Governor’,
but has a more vigorous growth habit, larger flower bells,
and more closely packed flower bells. The new variety was
first asexually reproduced by basal cuttings/tissue culture in
Great Britain. The new variety has been trial and field tested
and has been found to retain its distinctive characteristics
and remain true to type through successive asexual propa-
gations. Characteristics that distinguish the new variety from
others known to the breeder include:

- Clear and intense flower color;
- Flower form — papilionaceous with large flowers; and
- Vigorous growth habit.

The new variety was grown in open soil with additional
organic fertilizer applied. The new variety initiates and
develops roots in 21 days at 15° C. A finished and flowering
plant is produced in 36 weeks in a 21 cm container. The new
variety exhibits sparse, but thick roots, that exhibit some
branching.

DESCRIPTION OF THE DRAWINGS

The accompanying photographic drawings illustrate the
new variety, with the color being as nearly true as it possible
with color illustrations of this type:

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FIG. 1 is a photographic image of multiple plants of the
new variety; and

FIG. 2 is a close-up photograph of the petals of the new
variety.

DESCRIPTION OF THE PLANT

The following detailed description sets forth the charac-
teristics of the new cultivar. The data which defines these
characteristics were collected by asexual reproductions car-
ried out in Great Britain. The color readings were taken
outside under natural daylight. Color references are prima-
rily to the R.H.S. Colour Chart of The Royal Horticultural
Society of London.

PLANT

Form: Mounded and symmetrical.

Stem:

Diameter.—15 mm.

Color.—Between 144A and 144B and flushed with a
color between 59B and 59C.

Texture.—Slightly hirsute, smooth with longitudinal
ridges.

Pubescence.—Slight to medium.

Height: 70 cm.

Vigor: Good.

Branching habit: Free.

Lateral branches:

Diameter.—10–12 mm.

Internode length.—3.5 mm.

Texture.—Lightly hirsute, smooth with longitudinal
ridges.

Pubescence.—Present.

Color.—144A.

Foliage:

Arrangement.—Ascending spiral.

Length of leaf stalk.—Basal foliage: 28 cm. Stem foliage: 17 cm.

Size of leaf (overall).—Length: 15.5 cm. Width: 15.5 cm.

Leaflets.—Shape of leaflet: Oblanceolate. Number: 14. Width: 2.6 cm. Length: 8.0 cm. Shape of apex: Acuminate. Shape of base: Cuneate. Aspect: Horizontal presentation. Margin type: Smooth; entire. Pubescence: Upper surface: None present. Lower surface: Slight. Color: Young leaflet: Upper surface: 137B. Lower surface: 137C. Mature leaflet: Upper surface: 137A. Lower surface: 137B. Petiole: Shape: Flattened and round. Length: Basal leaf: 28 cm. Stem leaf: 17 cm. Diameter: 5 mm. Color: Between 144A and 144B. Venation: Central; mid-rib; the upper surface color is between 137C and 137D; the lower surface is 138B.

FLOWER

Bud (described when buds were just beginning to open):

Shape.—Napiform.

Diameter.—11 mm.

Length.—18 mm.

Color.—96C and suffused with a color between 78B and 78C.

Natural flowering season: May through July in The Netherlands.

Flower type and habit: Spike.

Number of flowers per spike.—193.

Length of spike.—42 cm.

Diameter of spike.—10.5 cm.

Corolla:

Form.—Zygomorphic

Petals.—Standard Petals: Number: 2-fused. Length: 16 mm. Width: 11 mm. Shape: Ovate. Aspect: Parallel to spike. Margin: Smooth and entire. Wing Petals: Number: 2. Length: 19 mm. Width: 11 mm. Shape: Ovoid to kidney-shaped. Aspect: Slightly tilted upward. Margin: Smooth and entire. Keel Petals: Number: 2-fused. Length: 16 mm. Width: 8 mm. Shape: Lingulate. Aspect: Located within wing petals and pointing upwards. Margin: Smooth and entire. Texture and appearance: Smooth and satin-like. Wing Petal Color: When opening: Upper surface: 83C, flushed with a color between 83A and 83B. Lower surface: 85B, flushed with 83D. Fully opened: Upper surface: 83B with an overlay of 83A. Lower surface: 83D. Standard Petal Color: When opening: Upper surface: 155D, edged with 83C.

Lower surface: 155D, edged with 85B. Fully opened:

Upper surface: 155D, edged with 83B. Lower sur-

face: 155D, edged with 85B. Keel Petal Color: When

opening: Upper surface: 85B, flushed with 83C.

Lower surface: 85C, flushed with 83C. Fully opened:

Upper surface: 85B, flushed with 83C. Lower sur-

face: 85C, flushed with 83C. Keel tip color: 93C.

Throat (visible when the standard petals are parted from the keel petals): Color: 4D, flushed with 4B.

Texture: Smooth and satin-like.

Calyx:

Form.—Two unequal halves.

Length.—6 mm.

Diameter.—4 mm.

Sepal shape.—Elliptic.

Sepal margin.—Entire.

Sepal texture.—Smooth with slight pubescence.

Sepal size.—Length: 4 mm. Width: 2.5 mm.

Sepal color.—Upper surface: 85D, flushed with 85C.

Lower surface: 85D, flushed with 85C.

Fragrance: Slight.

Disease resistance/susceptibility: Susceptible to powdery mildew.

Temperature tolerance: Medium to good.

Lasting quality: Medium to good.

REPRODUCTIVE ORGANS

Stamens:

Number (per flower).—There are two groups. A first group with 6 stamens and a second group with 4 stamens.

Filaments.—Length: First group: 4 mm. Second group: 11 mm. Fused: Yes.

Anthers.—Shape: Pencil-like. Length: 2 mm. Color: 31A.

Pollen.—Color: 31A. Amount: Plentiful.

Pistils:

Length.—13 mm.

Style.—Length: 13 mm. Color: 150C.

Stigma.—Shape: Spherical. Color: 150C.

Seed/Fruit production:

Description of conditions when produced.—Produced freely.

Color.—165A.

Size.—1.0 mm.

Number.—Approximately 2000 per plant.

I claim:

1. A new and distinct variety of *Lupinus hybridus* plant named 'Persian Slipper' as is herein described and illustrated.

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Fig. 1

Fig. 2

