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

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(54) **LUPINUS PLANT NAMED ‘BLOSSOM’**

(50) Latin Name: *Lupinus hybridus*  
Varietal Denomination: **Blossom**

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patent is extended or adjusted under 35  
U.S.C. 154(b) by 0 days.

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(65) **Prior Publication Data**

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(51) **Int. Cl.**  
**A01H 5/00** (2006.01)

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

(58) **Field of Classification Search** ..... Plt./263,  
Plt./263.1

See application file for complete search history.

(56) **References Cited**

**PUBLICATIONS**

USDA Plants Database for *Lupinus hybridus* Lem. [online],  
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\* cited by examiner

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(57) **ABSTRACT**

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

**2 Drawing Sheets**

**1**

Botanical classification: *Lupinus hybridus*.  
Varietal denomination: ‘Blossom’.

**BACKGROUND OF THE INVENTION**

The present invention comprises a new and distinct cul-  
tivar of *Lupinus hybridus* known by the varietal name  
‘Blossom’. The new variety was developed in Great Britain.  
The new variety is a result of cross breeding a Russell  
Hybrid *Lupinus* Seedling #WCL 045/96 (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 exhibits better color, more flowers,  
and has flowers more closely packed on the spike than  
*Lupinus* variety. ‘The Chatelaine’ (unpatented). The new  
variety is similar in growth habit to its female parent, but  
differs in flower color. The new variety was first asexually  
reproduced by basal cuttings/tissue culture in Great Britain.  
The new variety has been trail and field tested and has been  
found to retain its distinctive characteristics and remain true  
to type through successive asexual propagations. Character-  
istics that distinguish the new variety from other known to  
the breeder include:

- Clear and intense flower color;
- Flower form — papilionaceous, with closely packed and  
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.

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**DESCRIPTION OF THE DRAWINGS**

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

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

FIG. 2 is a close-up photograph of both surfaces of the  
leaves 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 144B and 144C.

*Texture*.—Slightly hirsute, smooth with longitudinal  
ridges.

*Pubescence*.—Slightly to medium.

Height: 80 cm.

Plant diameter: 55 cm.

Vigor: Good.

Branching habit: Free.

Lateral branches:

*Diameter*.—9 mm.

*Internode length*.—6.8 cm.

*Texture*.—Lightly hirsute, smooth with longitudinal ridges.

*Pubescence*.—Present.

*Color*.—144B.

Foliage:

*Arrangement*.—Ascending spiral.

*Length of leaf stalk*.—Basal foliage: 26 cm. Stem foliage: 16 cm.

*Size of leaf (overall)*.—Length: 16 cm. Width: 15 cm.

Leaflets:

*Shape of leaflet*.—Oblanceolate.

*Number*.—12.

*Width*.—2.5 cm.

*Length*.—7.3 cm.

*Shape of apex*.—Acute.

*Shape of base*.—Cuneate.

*Aspect*.—Horizontal presentation.

*Margin type*.—Smooth; entire.

*Pubescence*.—Upper surface: None present. Lower surface: Slight.

*Color*.—Young leaflet: Upper surface: Varies between 137B and 137C. Lower surface: 137C and 138B. Mature leaflet: Upper surface: Varies between 137A and 137B. Lower surface: Varies between 137C and 137D.

*Petiole*.—Shape: Flattened and round. Length: Basal leaf: 26 cm. Stem leaf: 16 cm. Diameter: 5 mm. Color: 144B.

*Venation*.—Central; mid-rib; colored the same as the leaflets.

FLOWER

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

*Shape*.—Napiform.

*Diameter*.—9 mm.

*Length*.—18 mm.

*Color*.—36A.

Natural flowering season: May through July in The Netherlands.

Flower type and habit: Spike.

*Number of flowers per spike*.—187.

*Length of spike*.—45 cm.

*Diameter of spike*.—11.9 cm.

Corolla:

*Form*.—Zygomorphic

*Petals*.—Standard Petals: Number: 2-fused. Length: 20 mm. Width: 12 mm. Shape: Ovate. Aspect: Parallel to spike. Margin: Smooth and entire. Wing Petals: Number: 2. Length: 20 mm. Width: 14 mm. Shape: Ovoid to kidney-shaped. Aspect: Slightly tilted upward. Margin: Smooth and entire. Keel Petals: Number: 2-fused. Length: 18 mm. Width: 9 mm. Shape: Lingulate. Aspect: Located within wing pet-

als and pointing upwards. Margin: Smooth and entire. Texture and appearance: Smooth and satin-like. Standard Petal color: When opening: Upper surface: Between 55C and 55D. Lower surface: 55D. Fully opened: Upper surface: Between 55B and 55C. Lower surface: Between 55C and 55D. Wing Petal color: When opening: Upper surface: Between 55C and 55D. Lower surface: 55D. Fully opened: Upper surface: Between 55B and 55C. Lower surface: Between 55C and 55D. Keel Petal color: When opening: Both surfaces: 56C. Fully opened: Both surfaces: 56C.

*Throat (revealed when parting the standard petal from the keel petal)*.—Color: 4D. Texture: Smooth and satin-like.

Calyx:

*Form*.—Two unequal halves.

*Length*.—8 mm.

*Diameter*.—15 mm.

*Sepal shape*.—Elliptic.

*Sepal margin*.—Smooth and entire.

*Sepal texture*.—Smooth with slight pubescence.

*Sepal size*.—Length: 8 mm. Width: 5 mm.

*Sepal color*: Upper surface: Varies between 149C and 149D. Lower surface: 149D.

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: 8 mm. Fused: Yes.

*Anthers*.—Shape: First group: Pencil-like. Second group: Arrow-like. Length: First group: 2 mm. Second group: 0.8 mm. Color: First group: 169B. Second group: Varies between 23A and 23B.

*Pollen*.—Color: 23A. Amount: Plentiful.

*Pistils*.—Length: 11 mm. Style: Length: 11 mm. Color: 150C. Stigma: Shape: Spherical. Color: 150C.

*Seed/Fruit production*.—Description of conditions when produced: Produced freely. Color: Varies between 165A and 165B. Size: 1.0 mm. Number: Approximately 2000 per plant.

I claim:

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

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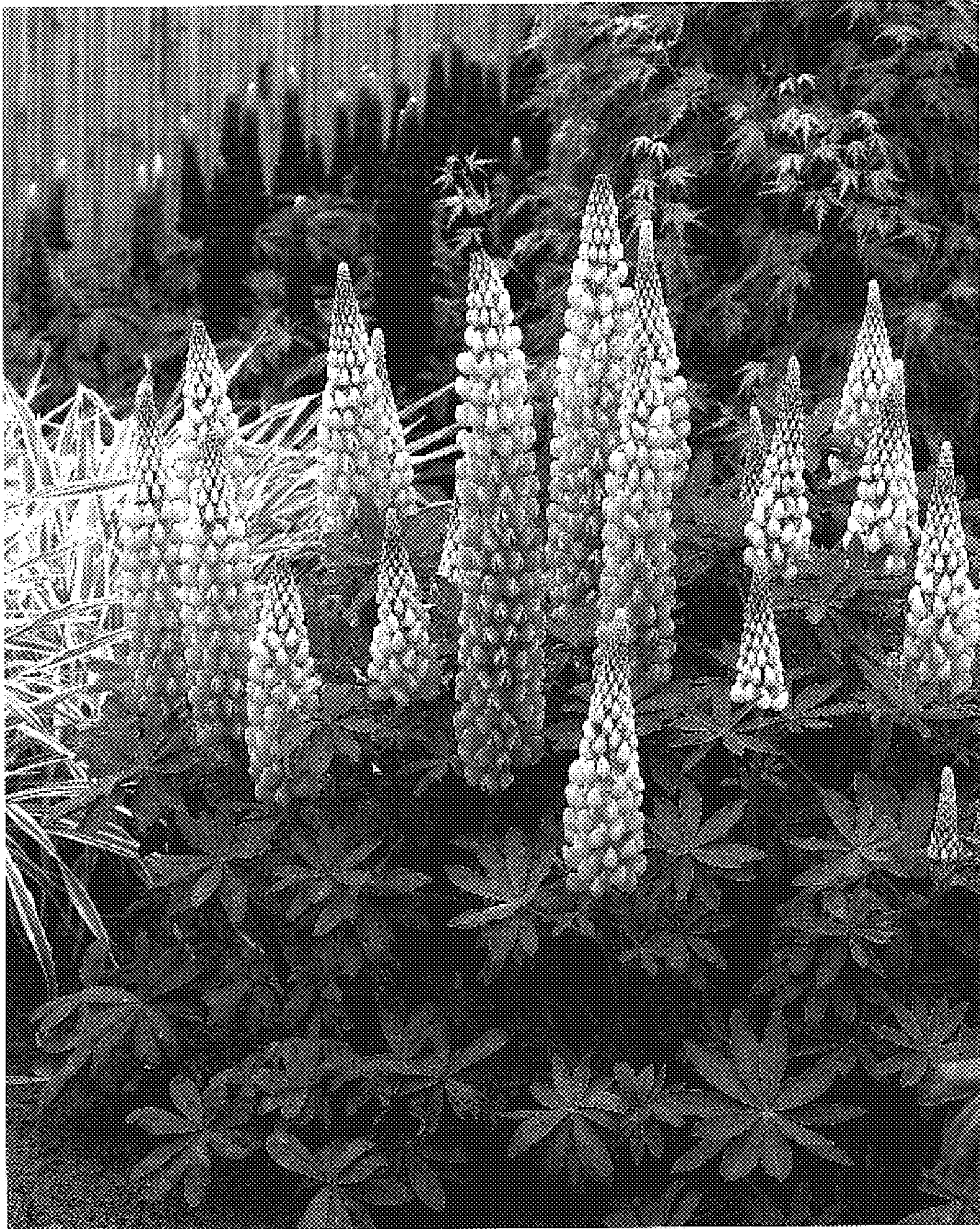


Fig. 1

Lupin hybrid Blossom

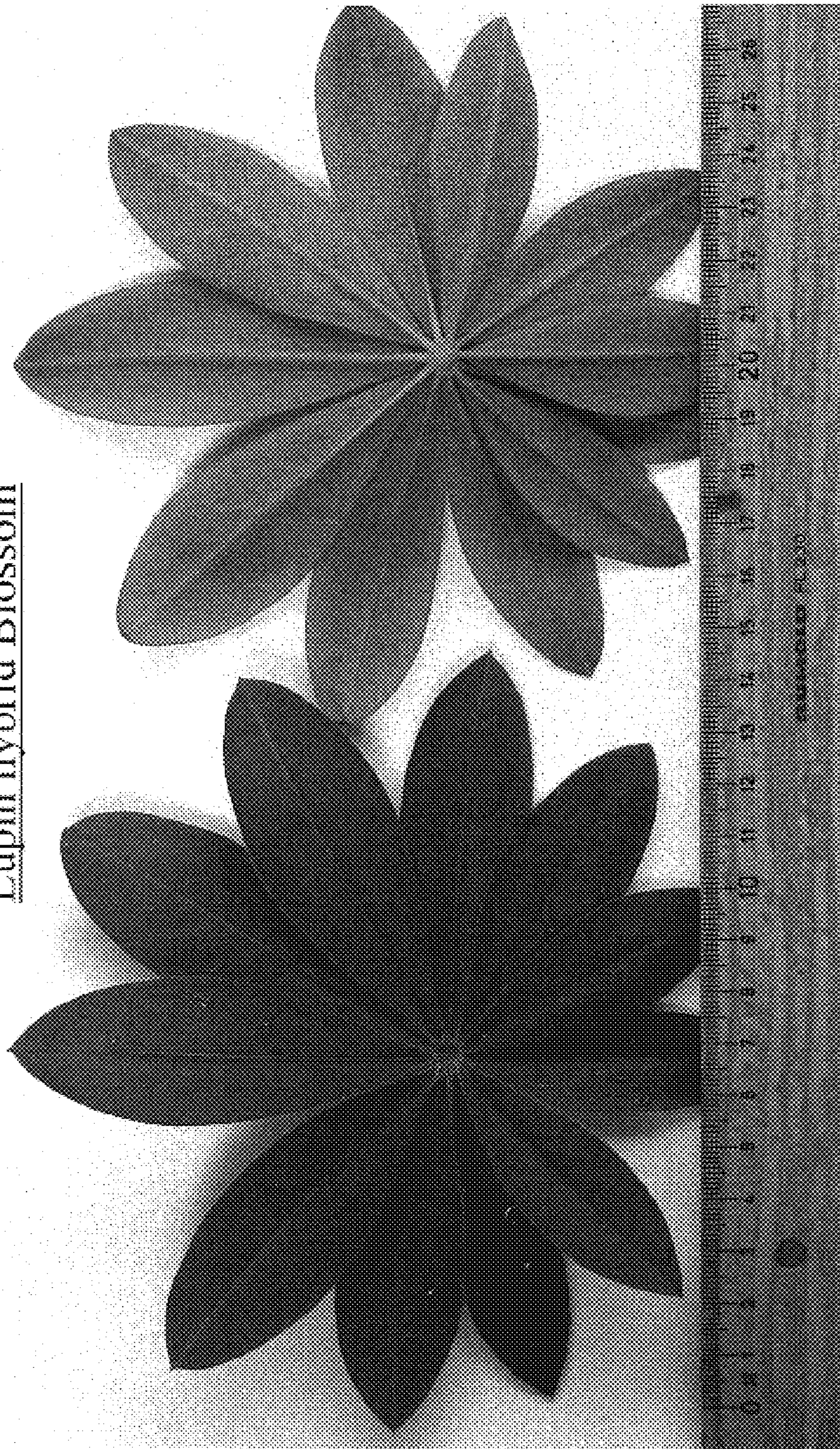


Fig. 2