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Egger

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[54] ASIATIC HYBRID LILY PLANT NAMED  
‘BAL WHITE’  
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[73] Assignee: Cebeco Lilies, Inc., Aurora, Oreg.  
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[58] Field of Search ..... Plt./87.4  
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[57] ABSTRACT  
A new and distinct Asiatic lily hybrid having numerous  
white flowers, white buds, and strong stems with good  
foliage quality excellent for cut flowers.

1 Drawing Sheet

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BACKGROUND OF THE INVENTION

The present invention relates to a new and distinct cultivar  
of Lily hybrid referred to commercially as an upright  
flowering Asiatic hybrid lily and given the cultivar name  
‘Bal White’. This invention was developed by controlled  
breeding in Aurora, Ore., using ‘Mont Blanc’ as the seed  
parent, and A-165-80, a proprietary, non-released plant, as  
the pollen parent.  
This invention has not been observed under all possible  
environmental conditions. The phenotype may vary signifi-  
cantly with variations in environment such as temperature,  
light intensity, and day length, without, however, any varia-  
tion in genotype.  
The following traits have been repeatedly observed and  
are determined to be the basic characteristics of this inven-  
tion which in combination distinguish this lily as a new and  
distinct cultivar: 1) white, medium size flowers with bright  
orange pollen; 2) beautiful white buds; 3) high bud count; 4)  
long lasting flowers; 5) strong stems with good quality  
foliage; 6) good vase life; and 7) early flowering. Bulbs of  
this plant may be precooled and forced out of season for  
uniform cut flower production. In addition, this new lily  
shows good disease resistance.  
Compared to ‘Sancerre’ this invention has higher bud  
count, more virus resistance, stronger stems, and better vase  
life.  
Asexual reproduction of this new variety has been accom-  
plished at Cebeco Lilies, Inc., in Aurora, Ore., by scaling and  
tissue culture. The resulting plants have shown that the  
above-mentioned unique features are stable and reproduce  
true to type in each successive propagation.

DESCRIPTION OF THE DRAWINGS

FIG. 1 is a close-up photograph which illustrates in  
greater detail a single flower of the new plant.  
FIG. 2 is a photograph showing the ‘Bal White’ lily.  
The photographs of the drawing were taken in June 1995  
in a studio and illustrate the typical flower and foliage form,  
with color as true as reasonably possible in this type of color  
photograph.

DETAILED DESCRIPTION

The following is a detailed description of the invention  
based on plants produced under commercial practices in the  
Cebeco Lilies, Inc. greenhouse in Aurora, Ore. in June 1995.  
Color references are made to The Royal Horticultural Soci-

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ety Colour Chart, except where the context indicates a term  
having its ordinary dictionary meaning.

The Plant

Origin: Seedling.  
Parentage:  
Seed parent.—‘Mont Blanc’.  
Pollen parent.—A-165-80  
Commercial classification: Hybrid Asiatic Lily, cut flower  
type.  
Classification: Division I-A, Upright Asiatic Hybrid Lily,  
according to the Horticultural Classification of Lilies by  
The Royal Horticultural Society of London.  
Form: Single erect stem bearing terminal cluster of flowers.  
Height: About 93 cm. from the top of the soil to the top of  
the flowers from bulbs of 12–14 cm. in circumference.  
Stem color: Yellow green.  
Growth habit: Vigorous, upright and rigid.  
Internodes: About 3–15 mm.  
Foliage:  
Arrangement.—Spiral.  
Leaf size.—To about 124 mm. long and 14 mm wide.  
Leaf shape.—Lanceolate.  
Texture.—Leathery.  
Aspect.—Glossy.  
Color.—Medium green on both sides. Closest to Yel-  
low Green Group 147A.  
Bulbs:  
Size.—Variable, ranging to about 12–14 cm. in circum-  
ference as used commercially.  
Color.—White.

The Bud

Size: About 63 mm. long and 21 mm. wide just prior to  
opening.  
Shape: Ovoid with an obtuse tip.  
Rate of opening: The mature bud opens slowly in response  
to light.  
Color: Cream (Yellow Group 4D) with yellow green at apex.

The Flower

Blooming habit: Annually, once and early season.  
Days to bloom: Flowers approximately 77 days after spring  
greenhouse planting under typical commercial flower  
forcing conditions of 15 degrees Celsius night time tem-  
peratures.  
Inflorescence size: About 28 cm. high and 26 cm. wide when  
there are eleven flowers present.

Flower size: Medium-large.

*Diameter*.—About 14 cm.

*Depth*.—About 4 cm.

Borne: In a raceme of 11 flowers from bulbs 12–14 cm. in circumference.

Shape: When the flower first opens it is bowl shaped. Later, the shape flattens out and the tepals reflex slightly at the tips.

Tepalage:

*Number*.—Six.

*Arrangement*.—Imbricated.

*Shape*.—Ovate.

*Texture*.—Spongy, waxy.

*Aspect*.—Satiny.

*Size*.—Length: About 74 mm. Width: Inner tepals — about 41 mm. Outer tepals — about 33 mm.

Depth of imbrication: About 10 mm.

Nectary: About 2 cm. long; yellow white (8C) to yellow green (144B); glandular pubescent; channels together.

Projections: None.

Spots: Small and very few (0–5) on the inner tepals. Greyed-Purple Group 187C.

Blush: Slight, above the nectary, light yellow, Yellow Group 8C. Younger flowers have slightly more blush.

Color:

*Topside*.—White. Yellow White Group 158A with blush as described above.

*Bottomside*.—Yellow White Group 158A.

Discoloration: A shade lighter with age.

Fragrance: None.

Pedicle:

*Length*.—About 8–10 cm.

*Color*.—Yellow green 144A.

*Orientation*.—Ascending upwardly in a curve at about 45° from the horizontal.

#### The Reproductive Organs

Stamens:

*Number*.—Six, typical of the genus *Lilium*.

*Anthers before dehiscence*.—Size: About 17 mm.

Color: Yellow Orange 22A.

*Filaments*.—Length: About 5 cm. Color: White.

Yellow-White Group 158D on top half and White 155D on bottom.

Pollen:

*Color*.—Orange. Orange Group 24A.

Pistil:

*Number*.—One.

*Style*.—Length: About 44 mm. Color: White. Yellow-White Group 158A.

*Stigma*.—Color: Lightly stippled Greyed-Red Group 182C.

#### The Fruit

Fertility: Fertile.

Shape: Ovoid.

Color at maturity: Soft Brown.

I claim:

1. A new and distinct cultivar of Asiatic hybrid lily plant substantially as herein shown and described.

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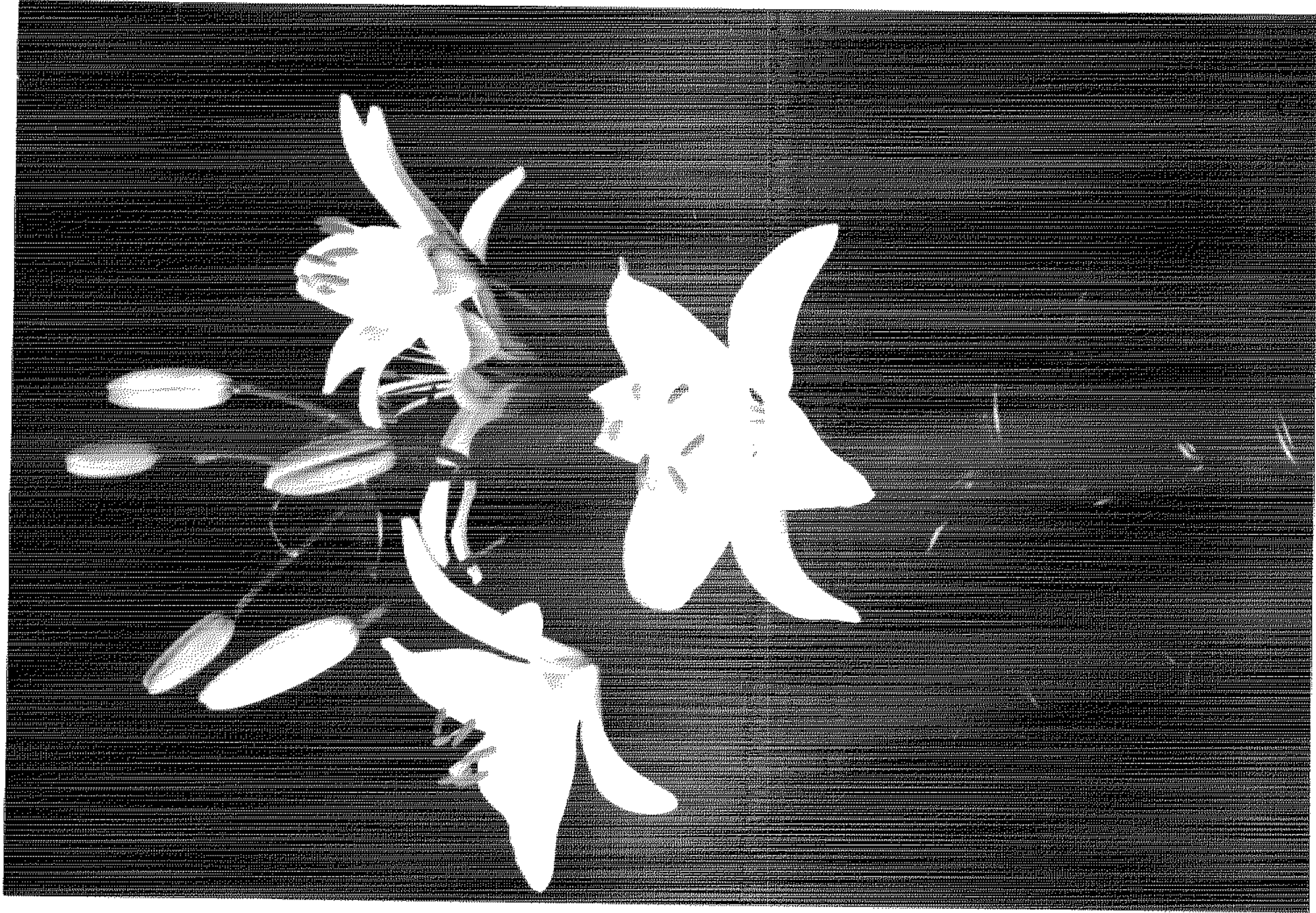


Fig. 2

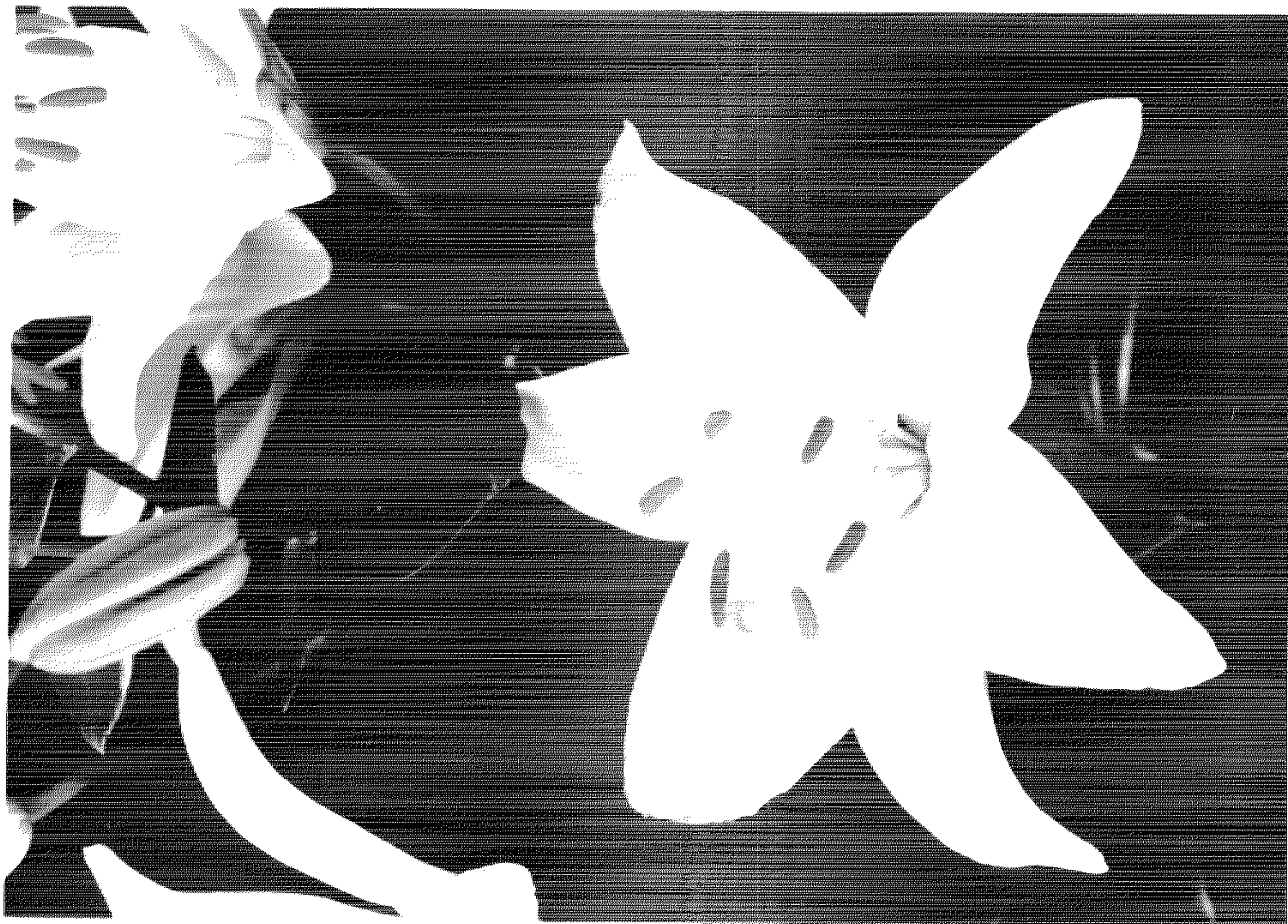


Fig. 1