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

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(54) **SALVIA PLANT NAMED ‘DANSALCIN5’**

(50) Latin Name: *Salvia coccinea*
Varietal Denomination: **DANSALCIN5**

(76) Inventor: **Gabriel Danziger**, PO Box 24, Moshav
Mishmar Hashiva, Beit Dagan (IL),
50297

(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 0 days.

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

(52) **U.S. Cl.** **Plt./475**

(58) **Field of Classification Search** **Plt./475**
See application file for complete search history.

Primary Examiner—Annette H Para

(57) **ABSTRACT**

A new and distinct *Salvia* cultivar named ‘DANSALCIN5’
is disclosed, characterized by having large, salmon colored
flowers, a long, dense inflorescence, flowering for at least 5
weeks. The new variety is a *Salvia*, normally produced as an
outdoor garden or container plant.

2 Drawing Sheets

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Latin name of the genus and species: *Salvia coccinea*.
Variety denomination: ‘DANSALCIN5’.

BACKGROUND OF THE INVENTION

The new cultivar is a product of a planned breeding pro-
gram conducted by the inventor, Gabriel Danziger. The
objective of the breeding program was to produce compact
plants of *Salvia coccinea*. The seed parent is the unpatented,
proprietary seedling variety referred to as *Salvia coccinea*
‘SA-5-107’. The pollen parent is unknown as the new vari-
ety ‘DANSALCIN5’ is a result of open pollination, in which
the pollen parent cannot be identified. The new variety was
discovered on Oct. 12, 2006, by the inventor in a group of
seedlings resulting from that crossing, in Moshav Mishmar
Hashiva, Israel.

Asexual reproduction of the new cultivar
‘DANSALCIN5’ by vegetative cuttings was performed at a
commercial greenhouse in Moshav Mishmar Hashiva, Israel
and has shown that the unique features of this cultivar are
stable and reproduced true to type on successive generations.

SUMMARY OF THE INVENTION

The cultivar ‘DANSALCIN5’ has not been observed
under all possible environmental conditions. The phenotype
may vary somewhat with variations in environment such as
temperature, day length, 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
‘DANSALCIN5’ These characteristics in combination dis-
tinguish ‘DANSALCIN5’ as a new and distinct *Salvia* culti-
var:

1. Large flowers.
2. Long, dense inflorescence.
3. Salmon coloration of flowers.

Plants of the new cultivar ‘DANSALCIN5’ are similar to
plants of the parent, *Salvia coccinea* ‘SA-5-107’ in most
horticultural characteristics, however, plants of the new cul-
tivar ‘DANSALCIN5’ have larger flowers of lighter color
than the parent variety. Additionally, the new variety is taller
and typically begins its blooming period approximately 3

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days later than the parent variety. The seed parent variety is
the best comparison to the new variety ‘DANSALCIN5.’

BRIEF DESCRIPTION OF THE PHOTOGRAPH

The accompanying photograph in FIG. 1 illustrates in full
color a typical plant of ‘DANSALCIN5’ grown in a
greenhouse, in a 12 cm pot. Age of the plant photographed is
6 weeks from a rooted cutting. The photographs were taken
using conventional techniques and although colors may
appear different from actual colors due to light reflectance it
is as accurate as possible by conventional photographic tech-
niques.

DETAILED BOTANICAL DESCRIPTION

In the following description, color references are made to
The Royal Horticultural Society Colour Chart except where
general terms of ordinary dictionary significance are used.
The following observations and measurements describe
‘DANSALCIN5’ plants grown in a greenhouse in Moshav
Mishmar Hashiva, Israel. The growing temperature ranged
from 20° C. to 28° C. The greenhouse is un-shaded, giving
bright, normal sunlight conditions. Measurements and
numerical values represent averages of typical plant types.

Botanical classification: *Salvia coccinea* cultivar
‘DANSALCIN5.’

PROPAGATION

Time to initiate roots: About 5–8 days at approximately 25°
C.

Time to produce a rooted cutting: About 21 days at 25° C.

Root description: Fine, densely fibrous.

PLANT

Growth habit: Upright annual.

Pot size of plant described: 12 cm.

Height: Approximately 60 cm.

Plant spread: Approximately 30 to 35 cm.

Growth rate: Rapid.

Branching characteristics: Free-branching, Approximately 2 primary branches with lateral branches forming potentially at every node.

Length of primary lateral branches: Approximately 40 cm.

Diameter of lateral branches: Approximately 0.8 cm.

Age of plant described: Approximately 6 weeks from a rooted cutting.

Quantity of lateral branches: About 10.

Stem:

Form.—Square in cross-section.

Color.—Near RHS Green N138A.

Pubescence.—Densely pubescent with harsh, medium length hairs.

FOLIAGE

Leaf:

Arrangement.—Opposite.

Quantity.—Approximately 8 per main branch.

Average length.—Approximately 6 cm.

Average width.—Approximately 4.5 cm.

Shape of blade.—Triangular.

Apex.—Acute.

Base.—Uneven.

Attachment.—Stalked.

Margin.—Scalloped.

Texture of top surface.—Rough, matte, not glossy.

Texture of bottom surface.—Rough, matte, not glossy.

Pubescence.—Puberulent, very short hairs.

Leaf internode length.—Approximately 5 cm.

Color.—Young foliage upper side: Near RHS Green 137C. Young foliage under side: Near RHS Yellow-Green 147B. Mature foliage upper side: Near RHS Yellow-Green 147A. Mature foliage under side: Near RHS Green 137B.

Venation.—Type: Pinnate. Venation color upper side: Near RHS Yellow-Green 146C. Venation color under side: Near RHS Yellow-Green 148B.

Petiole.—Average Length: Approximately 3.5 cm. Color: Near Yellow-Green 146B. Diameter: Approximately 0.25 cm.

FLOWER

Natural flowering season: Freely flowering under outdoors growing conditions with substantially continuous blooming from spring through autumn. Year round in greenhouse environment, or under warm conditions and high sunlight. Begins flowering between 5 to 9 weeks of planting a rooted cuttings.

Inflorescence type and habit: Flowers arranged in verticillasters on spikes.

Rate of flower opening: 3 days from bud to fully opened flower.

Flower longevity on plant: Individual flowers last 3 days on the plant. Each spike lasts approximately 5 weeks with flowers.

Quantity of flowers: About 4 buds and 8 fully opened flowers per lateral branch; about 7 blooming spikes per plant.

Inflorescence size:

Diameter.—Approximately 4–6 cm.

Height.—Approximately 15–25 cm.

Peduncle:

Length.—4 cm.

Diameter.—0.4 cm.

Color.—Near RHS Green 137B.

Orientation.—Upright, straight.

Strength.—Strong.

Corolla:

Petal arrangement.—The corolla is sympetalous and typically bilabiate with 2 lobes forming an upper lip and 3 lobes forming a lower lip.

Size.—Length: Approximately 3 cm. Width: Approximately 2 cm.

Margin.—Entire.

Tip shape.—Upper lip tip retuse, lower lip tip rounded.

Length.—Upper lip Approximately 0.8 cm, lower lip Approximately 1.5 cm.

Width.—Upper lip Approximately 0.9 cm, lower lip Approximately 2 cm.

Petal quantity.—One upper lip and one lower lip with four lobes. Lips are fused at base.

Petal apex shape.—Obtuse.

Texture.—Smooth, hairless.

Aspect.—Horizontal to the stem.

Petaloids.—Upper lip has 2 petaloids, lower lip has 4 petaloids.

Color: Petals:

When opening.—Upper surface: Near RHS Red 55A. Lower surface: Near RHS Red 55D with Red 55C at the edges.

Fully opened.—Upper surface: Red group RHS 55B. Lower surface: Red group RHS 56C.

Bud:

Shape.—Ovoid.

Length.—Approximately 0.8 cm.

Diameter.—Approximately 0.4 cm.

Color.—Upper Surface: Near RHS Red 50A. Lower Surface: Near RHS Red 52C.

Calyx:

Arrangement.—Acute angle to stem.

Height.—Approximately 0.7 cm.

Diameter.—Approximately 0.3 cm.

Shape.—Tubular.

Sepals:

Shape.—Quantity per flower: 2, fused to form a tube.

Length.—Approximately 0.4 cm.

Width.—Approximately 0.3 cm.

Margin.—Entire.

Texture.—Glabrous, surrounded with rough lines.

Color.—Immature: Upper surface: Near RHS Green 137B. Lower surface: Near RHS Yellow Green 147C, with 143C at margin of apex. Mature: Upper surface: Near RHS Green 137C. Lower surface: Near RHS Yellow-Green 144A.

Bracts:

Quantity.—2 at the base of each flower.

Shape.—Subulate.

Tip.—Aristate.

Texture.—Glabrous.

Length.—Approximately 0.9 cm.

Width.—Approximately 0.7 cm.

Color.—Upper surface: Near RHS Yellow-Green 143A. Lower surface: Near RHS Green 137B.

Fragrance: Leaves have a moderate, sage-like odor.

REPRODUCTIVE ORGANS

Stamens:

Number.—2.

Filament length.—Approximately 2 cm.

Anthers:

Shape.—Very narrowly elliptic.

Length.—Approximately 2 mm.

Color.—Near RHS Red 54C.

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Pollen.—Color: Near RHS Greyed Yellow 161A. Quantity: Not measured.

Pistil:

Number.—1.

Length.—Approximately 3 cm.

Style.—Length: Approximately 2.7 cm. Color: Almost all white Transparent with a touch of RHS Red 52C along edge.

Stigma.—Shape: Two-parted, cleft. Color: Near RHS Red 52C. Ovary color: Near RHS Yellow-Green 154D.

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OTHER CHARACTERISTICS

Seeds and fruits: Not observed.

Disease/pest resistance: Neither resistance nor susceptibility to pathogens and pests common to *Salvia* have been observed.

Temperature tolerance: The new variety tolerates temperatures between 5 to 35° C.

What is claimed is:

1. A new and distinct cultivar of *Salvia* plant named 'DANSALCIN5' as herein illustrated and described.

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Fig. 1

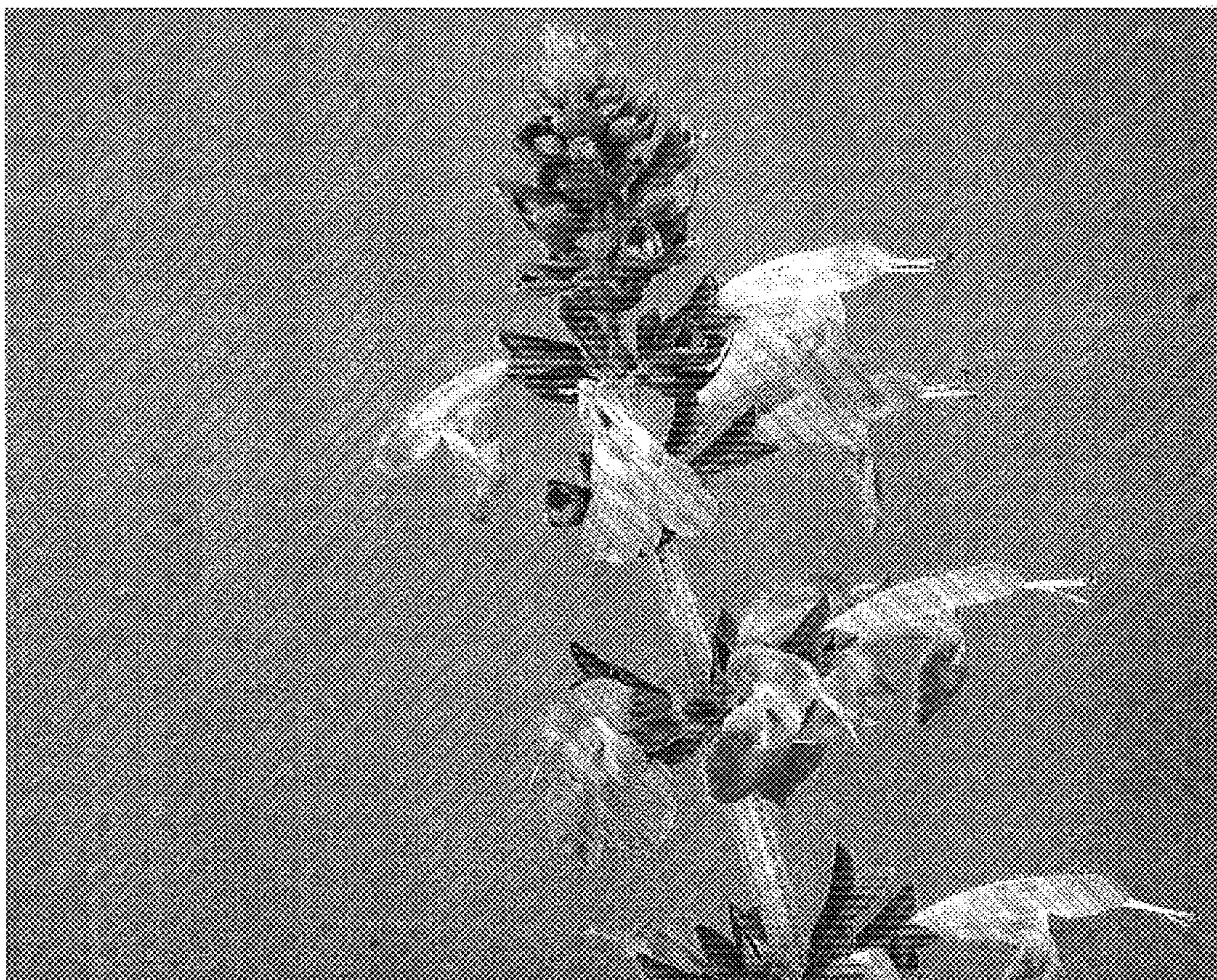


Fig. 2