

US00PP20707P2

# (12) United States Plant Patent Perkins

(10) Patent No.:

US PP20,707 P2

(45) **Date of Patent:** 

Feb. 2, 2010

(54) SALVIA PLANT NAMED 'MES ROS'

(50) Latin Name: *Salvia*×hybrid Varietal Denomination: **Mes Ros** 

(75) Inventor: Ralph T. Perkins, Gilroy, CA (US)

(73) Assignee: Syngenta Crop Protection AG, Basel

(CH)

(\*) Notice: Subject to any disclaimer, the term of this

patent is extended or adjusted under 35

U.S.C. 154(b) by 0 days.

(21) Appl. No.: 12/313,954

(22) Filed: Nov. 26, 2008

(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

(74) Attorney, Agent, or Firm—S. Matthew Edwards

(57) ABSTRACT

A new *Salvia* plant named 'Mes Ros,' particularly distinguished by red-purple flower color, upright, well branched, dense and bushy habit, medium green foliage and large sized flowers that are early flowering.

1 Drawing Sheet

1

Latin name of the genus and species of the plant claimed: *Salvia*×hybrid.

Varietal denomination: 'Mes Ros'.

#### BACKGROUND OF THE NEW PLANT

The present invention comprises a new *Salvia*, botanically known as *Salvia*×hybrid, and hereinafter referred to by the variety name 'Mes Ros.'

'Mes Ros' is a product of a planned breeding program. The new cultivar 'Mes Ros' has red-purple flower color, upright, well branched, dense and bushy habit, medium green foliage and large sized flowers that are early flowering.

'Mes Ros' originated from an open pollination cross in a 15 controlled breeding program in Gilroy, Calif. USA. The female parent was an unpatented, proprietary hybrid seedling (*S. greggii×microphylla*) identified as '156-1' with raspberry color. '156-1' has fewer flowers, larger foliage, and a taller plant habit than 'Mes Ros.' The male parent of 'Mes Ros' was 20 unknown.

'Mes Ros' was selected as one flowering plant within the progeny of the stated cross in September 2005 in a controlled environment in Gilroy, Calif. USA. The pollination took place in July 2004 and the seed sowing in May 2005.

The first act of asexual reproduction of 'Mes Ros' was accomplished when vegetative cuttings were taken from the initial selection in the September 2005 in a controlled environment in Gilroy, Calif. USA.

Horticultural examination of plants grown from cuttings of the plant initiated in September 2005 in Gilroy, Calif. USA, and continuing thereafter, has demonstrated that the combination of characteristics as herein disclosed for 'Mes Ros' are firmly fixed and are retained through successive generations 35 of asexual reproduction.

'Mes Ros' has not been observed under all possible environmental conditions. The phenotype may vary significantly with variations in environment such as temperature, light intensity and day length.

A Plant Breeder's Right for this cultivar was applied for in Canada on Dec. 24, 2007. 'Mes Ros' has not been made publicly available more than one year prior to the filing of this application.

2

#### DESCRIPTION OF THE DRAWINGS

The accompanying photographic drawing shows typical flower and foliage characteristics of 'Mes Ros' with colors being as true as possible with an illustration of this type.

The photographic drawing shows two flowering potted plants of the new variety and a close-up of the flowers, growing in a one gallon pot.

This plant was grown and photographed in Gilroy, Calif. USA in April 2008. The plant was about 4 months old.

# DETAILED BOTANICAL DESCRIPTION

The measurements were taken on plants growing in Gilroy, Calif. USA in April 2008. The plants were growing in gallon pots in a greenhouse trial. These plants were about 4–5 months old.

Color Chart used: Royal Horticultural Society Colour Chart (R.H.S.) 2001

#### BRIEF SUMMARY OF INVENTION

The following observations, measurements, and comparisons describe plants grown Gilroy, Calif. USA. The following traits have been repeatedly observed and are determined to be basic characteristics of the new variety. The combination of these characteristics distinguishes this *Salvia* as a new and distinct variety.

### TABLE 1

# DIFFERENCES BETWEEN THE NEW CULTIVAR 'MES ROS' AND A SIMILAR VARIETY 'Mes Ros' 'Navajo Rose' Floriferousness More flowers Less flowers Foliage size Larger Smaller

More compact

## Plant:

Plant habit

Form, growth and habit.—Upright, well branching, dense and bushy.

Less compact

Plant height.—28-31 cm.

Plant height (inflorescence included).—39–42 cm. Plant width.—30–35 cm.

3

Foliage:		Width of upper lip.—0.3–0.4 cm.
<i>Type.</i> —Simple, opposite.		Shape.—Obovate.
Immature, leaf color, upper surface.—Closest to RHS		Apex shape.—Obtuse.
146B.		Margin.—Entire.
Lower surface.—Closest to RHS 147B.	5	Texture, outer surface.—Papillose; villous hairs of RHS
Mature, leaf color, upper surface.—Closest to RHS		66A at the apex.
146A.		Inner surface.—Glabrous.
Lower surface.—Closest to RHS 147B.		Color lower lip, mid-lobe, upper surface.—RHS N57A.
<i>Length.</i> —4.2–5.4 cm.		Color lower lip, mid-lobe, lower surface.—RHS 67A.
Width.—2.4–2.7 cm.	10	Length of lower lip, mid-lobe.—1.3–1.4 cm.
Shape.—Ovate.		Width of lower lip, mid-lobe.—1.2–1.3 cm.
Base shape.—Attenuate.		Shape.—Obcordate.
Apex shape.—Obtuse to slightly acute.		Apex shape.—Emarginate.
Margin.—Crenulate.		Margin.—Appears very slightly laciniate.
Texture, upper surface.—Muriculate.	15	, 11
Texture, lower surface.—Muriculate.		Lower surface.—Glabrous and slightly hispid.
Fragrant.—Heavily "sage" like.		Color lower lip, lateral lobe, upper surface.—RHS
Color of veins, upper surface.—RHS 144A.		N57B.
Color of veins, lower surface.—RHS 144A.		Color lower lip, lateral lobe, lower surface.—RHS 67A.
Petioles color.—RHS 144A.	20	Length of lower lip, lateral lobe.—0.6 cm.
Petioles length.—0.7–1.4 cm.		Width of lower lip, lateral lobe.—0.3 cm.
Diameter of petiole.—0.1 cm.		Petal shape.—Oblong.
Texture.—Hispid.		Apex shape.—Obtuse.
Stem:		Margin.—Entire.
Number of main branches per plant.—3–4.	25	, 11 J
Number of leaves per stem.—12–16.		Lower surface.—Glabrous.
Color of stem.—RHS 146C.		Corolla, color, outer surface.—RHS 67A.
Length of stem.—25–30 cm.		Inner surface.—RHS 55B but RHS N155B stripes.
Diameter.—0.3 cm.		Length of corolla.—1.5 cm.
Length of internodes.—2–3 cm.	30	Width of corolla.—0.7 cm at the widest.
Texture.—Hispid.		Texture, outer upper surface.—Slightly hispid.
Inflorescence:		Texture, outer lower surface.—Glabrous.
Type.—Terminal raceme.		Texture, inner surfaces.—Glabrous.
Blooming habit.—Flowers continuously from spring		Bud (just before opening):
through the fall.	35	Color.—RHS 71A.
Number of racemes per plant.—35–40.		Length.—1.0–1.2 cm.
Duration of flowering.—Continuous flowering through-		Width.—0.3–0.4 cm.
out the summer.		Shape.—Tubular to oblong.
Color of peduncle.—RHS 146C.		
	<b>4</b> 0	Calyx:
Peduncle diameter.—0.1–0.15 cm.		Number of sepals.—2, fused into a tube form.
Texture.—Hispid; glandular hairs.		Color of sepals, upper surface, upper most sepal.—RHS
Color of pedicel.—RHS 146D.		144C ground color; RHS 176A stripes of anthocya-
Length of pedicel.—0.3–0.4 cm.		nins.
Diameter of pedicel.—0.1 cm.	45	Lower most sepals.—RHS 144C ground color; RHS
Texture.—Hispid.		176A at the apex.
Corolla:		Inner surface of all sepals.—RHS 147C.
Form.—Single, bilabiate; with one upper lip, with one		Length of sepals.—1.0–1.1 cm.
lower lip with three lobes consisting one a mid-lobe		Width of sepals.— $0.2$ – $0.4$ cm.
and 2 small lateral lobes; fused at base; upper lip		Sepal shape.—Broadly linear.
wraps around the pistil.		Apex shape.—Acute.
Lastingness of individual bloom on the plant.—5–6		Margin.—Entire.
days.		Texture, outer surface.—Hispid.
Fragrance.—"Sage" like.		Inner surface.—Glabrous.
Immature florets general color, upper surface.—Closest	55	Reproductive organs:
to RHS N57A but deeper.		Pistil.—1.
Lower surface.—RHS 67A.		<i>Length.</i> —2.5 cm.
Mature florets vertical height of floret.—1.8–2.0 cm.		Style color.—RHS N155B but whiter.
Horizontal width of floret.—1.8–2.0 cm.		Style length.—2.1–2.3 cm.
	60	Stigma color.—RHS 77D.
Depth of floret.—2.4–2.5 cm.  Color upper lin, upper surface. Closest to RHS N57B.		Stamens.—2.
Color upper lip, upper surface.—Closest to RHS N57B		Color of filaments.—RHS N155B but whiter.
but appears brighter because of the RHS N66A color		
of the villous hairs.		Length of filaments.—1.1 cm.
Color upper lip, lower surface.—RHS 67A.	65	Anther color.—RHS 15A.

Anther length.—0.15–0.2 cm.

Length of upper lip.—0.8–0.9 cm.

6

Color of pollen.—RHS 17B.

Pollen amount.—Moderate.

Fertility/seed set.—Not observed on this hybrid.

Disease/pest resistance: Disease resistance or susceptibility has not been observed on this hybrid.

What is claimed is:

1. A new and distinct variety of *Salvia* plant named 'Mes Ros,' substantially as illustrated and described herein.

\* \* \* \*



