



US00PP1555P2

(12) United States Plant Patent
Tristram**(10) Patent No.: US PP15,555 P2****(45) Date of Patent: Feb. 15, 2005****(54) GAURA PLANT NAMED 'WALGAUPF'****(50) Latin Name: *Gaura lindheimeri***
Varietal Denomination: **Walgaupf****(76) Inventor: David Tristram**, Walberton Nursery,
Yapton Lane, Walberton, Arundel (GB),
BN18 OAS**(*) Notice:** Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 171 days.**(21) Appl. No.: 10/456,154****(22) Filed: Jun. 6, 2003****(51) Int. Cl.⁷ A01H 5/00****(52) U.S. Cl. Plt./226****(58) Field of Search Plt./226***Primary Examiner*—Anne Marie Grunberg
Assistant Examiner—S B McCormick-Ewoldt**(57) ABSTRACT**A new cultivar of *Gaura* plant named 'Walgaupf' a perennial
plant characterized by red young foliage and green mature
foliage, pink flowers, dense floriferous blooming and upright
habit. In combination these traits set 'Walgaupf' apart from
all other existing varieties of *Gaura* known to the inventor.**1 Drawing Sheet****1**Genus: *Gaura*.
Species: *lindheimeri*.
Denomination: Walgaupf.**BACKGROUND OF THE INVENTION**The present invention relates to a new and distinct variety
of butterfly bush grown as an ornamental for its profuse
display of pink flowers. The new cultivar is known botani-
cally as *Gaura lindheimeri* and will be referred to herein-
after by the cultivar name 'Walgaupf'.'Walgaupf' is a seedling selection that was selected by the
inventor in the summer of 2000 out of two-hundred seed-
lings that resulted from the induced cross between *Gaura*
'White Fountain' (unpatented) and *Gaura* 'Siskyou Pink'
(unpatented). The female parent plant is *Gaura* 'White
Fountain' and the male parent plant is *Gaura* 'Siskyou Pink'.
The selection was conducted in a cultivated area of Sussex,
United Kingdom and resulted from a formal breeding pro-
gram designed to produce new and improved varieties of
Gaura. Seedling selection was based on number of open
flowers per flower spike.The female parent, *Gaura* 'White Fountain', has pure
white flowers and a dense upright habit. 'Walgaupf' exhibits
similar dense habit characteristics but has pink flowers as
further described herein.The closest comparison plant to 'Walgaupf' is *Gaura*
'Siskyou Pink'. The Flower spikes of Siskiyou Pink exhibits
2–3 flowers open at a time per spike when in full growth. In
contrast 'Walgaupf' exhibits an average of 5–8 flowers open
at a time per flower spike when in full growth. This confers
a dense flowering effect as opposed to the customary wispy
flowering effect.'Walgaupf' was first asexually propagated in 2000 by the
inventor in a cultivated area of Sussex, United Kingdom.
The original seedling was selected out, planted in the
breeders test garden and propagated by stem cuttings. Sub-
sequent stock is derived from this single plant. Since that
time the characteristics of the new cultivar have been
determined stable and are reproduced true to type in suc-
cessive generations.**2****SUMMARY OF THE INVENTION**The following traits have been repeatedly observed and
represent the distinguishing characteristics of the new plant
'Walgaupf'. In combination these traits set 'Walgaupf' apart
from all other *Gaura* known to the inventor. 'Walgaupf' has
not been tested under all possible conditions and phenotypic
differences may be observed with variations in
environmental, climatic and cultural conditions, however,
without any variance in genotype.

1. *Gaura* 'Walgaupf' exhibits a dense upright habit.
2. *Gaura* 'Walgaupf' is propagated using stem cuttings.
3. *Gaura* 'Walgaupf' produces a floriferous display of
pink flowers with 5–8 open flowers at a time per spike
when in full growth.
4. *Gaura* 'Walgaupf' is hardy in USDA Zones 5–10.
5. *Gaura* 'Walgaupf' is 45–64 cm. in height and 50–65
cm. in width in a 1-liter container.
6. *Gaura* 'Walgaupf' exhibits red young foliage and green
mature foliage.

BRIEF DESCRIPTION OF THE DRAWINGThe accompanying color drawing illustrates the overall
appearance of the new cultivar 'Walgaupf' showing the
colors as true as it is reasonably possible to obtain in colored
reproduction of this type. Colors in the drawing may differ
from the color values cited in the detailed botanical descrip-
tion which more accurately describe the actual colors of the
new variety 'Walgaupf'. The plant in the drawing was grown
in Arroyo Grande, Calif. in a one-liter container. The plant
was 12-months-old at the time and grown out-of-doors.The drawing on sheet 1 illustrates an entire plant in bloom
from a side perspective. The photograph was made using
conventional techniques and although colors may appear
different from actual colors due to light reflectance they are
as accurate as possible by conventional photography.**BOTANICAL DESCRIPTION OF THE PLANT**The following is a detailed description of the new *Gaura*
plant named 'Walgaupf'. Data was collected in Arroya
Grande Calif. from 12-month-old plants grown in one-liter
containers and grown out-of-doors. The color determina-

tions are in accordance with the 2001 Royal Horticultural Society Colour Chart of The Royal Horticultural Society, London, England, except where general color terms of ordinary dictionary significance are used. The growing requirements are similar to other *Gaura*.

Botanical classification: *Gaura* 'Walgaupf'.

Species: *lindheimeri*.

Commercial classification: Perennial.

Common name: Butterfly bush.

Use: Ornamental for container or landscape.

Cultural requirements: Plant in well-drained moderately fertile soil in full sun.

Root system: Deep rooting makes the plant very drought tolerant.

Parentage: *Gaura* 'Walgaupf' is a seedling selection that resulted from the induced hybridization between the following parent plants:

Female parent plant.—*Gaura* 'White Fountain'.

Male parent plant.—*Gaura*. 'Siskyou Pink'.

Plant description:

Bloom period.—Late spring to fall.

Plant habit.—Upright, dense perennial.

Height.—45–64 cm. in height from soil level in a 1-liter container.

Width.—50–65 cm. in width in a 1-liter container.

Hardiness.—USDA Zones 5–10.

Propagation.—Propagation is accomplished using stem cuttings.

Time to develop roots.—2–3 weeks are needed for initial cuttings to develop roots.

Crop time.—4–6 months are needed to produce a finished 1-liter container.

Disease Resistance/Susceptibility.—In common with other varieties of *Gaura* known to the inventor, 'Walgaupf' is considered disease-free under ordinary greenhouse and garden growing conditions.

Stem:

Shape.—Round to slightly oval in cross-section.

Stem color.—The base of the stem and young growth are 185A and the remaining surface of the stem is 138A. Both colors are present on the stem.

Stem dimensions.—22 cm. in length and 2.5 mm. in diameter.

Stem surface.—Pubescent.

Color of pubescence.—156D.

Internode length.—1–2 cm. between nodes.

Branching habit.—Open, branching from both base and stems.

Foliage:

Shape.—Closest to oblanceolate.

Division.—Simple.

Apex.—Acuminate.

Base.—Attenuate.

Venation (abaxial surface).—One prominent mid-vein protruding.

Vein color (adaxial surfaces).—185C.

Vein color (abaxial surfaces).—185C.

Margins.—Entire or slightly serrate.

Quantity of leaves per stem.—Average of 15 leaves per stem.

Arrangement.—Spiral and alternate.

Attachment.—Sessile.

Leaf surface (adaxial and abaxial surfaces).—Pubescent.

Leaf dimensions.—3–8 cm. in length and 1–1.5 cm. in width.

Leaf color (adaxial surface).—Mature leaves 137B, young leaves 59A.

Leaf color (abaxial surface).—Mature leaves 138A, young leaves 176B.

Flowers:

Inflorescence.—Spike.

Dimensions of inflorescence.—21 cm. in length and 4 cm. in width.

Quantity of combined flowers and buds per inflorescence.—17 to 25 combined buds and flowers per inflorescence.

Shape.—Explanate.

Sexuality.—Bisexual.

Flower dimensions.—3 cm. in diameter and 3 cm. in length.

Persistent or self-cleaning.—Self-cleaning.

Aspect.—Facing outward.

Bud dimensions.—3 mm. in width and 1.50 cm. in length.

Bud shape.—Linear.

Bud color.—185B.

Bud surface.—Pubescent.

Flower color.—64C with darker veins that are 64A in color.

Calcar.—Two in number.

Calcar surface.—Pubescent.

Dimensions of calcar.—1.50 cm. in length and 2 mm. in diameter.

Color of calcar.—64B.

Petals.—Four in number.

Petal shape.—Closest to ovate.

Petal dimensions.—2 cm. in length and 1 cm. in width.

Fused or unfused.—Unfused.

Petal margin.—Entire.

Petal surface.—Glabrous.

Peduncle dimensions.—2–9 mm. in length and 1–2 mm. in diameter.

Peduncle color.—64A.

Peduncle surface.—Pubescent.

Pedicel.—Very short or absent.

Fragrance.—No fragrance.

Reproductive organs:

Stamens.—Eight.

Stamen color.—69D.

Stamen dimensions.—6 mm. in length and 0.5 mm. in diameter.

Anther color.—61A.

Anther dimensions.—3 mm. in length and 0.50 mm. in width.

Quantity of pollen.—Small amount.

Color of pollen.—161A.

Pistil.—One.

Pistil dimensions.—12 mm. in length and 0.50 mm. in width.

Pistil color.—158A.

Pistil shape.—Filament.

Style color.—61A.

Stigma shape.—Four lobed.

Stigma color.—161A.

Ovary position.—Inferior, sessile.

Ovary color.—176B.

Ovary shape.—Linear.

Ovary dimensions.—6 mm. in height and 2 mm. in diameter.

Seed production: No seed production has been observed to date.

I claim:

1. A new and distinct cultivar of *Gaura* plant named 'Walgaupf' as described and illustrated.

