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

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(54) **JAMESBRITTENIA PLANT NAMED
‘YAGEPIN’**

(76) **Inventor:** **Frederic Yates**, Poplar Nursery, Holmes
Chapel Rd., Somerford, Congleton,
Cheshire (GB), CW12 4FP

(*) **Notice:** Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
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Primary Examiner—Bruce R. Campell
Assistant Examiner—Susan B. McCormick
(74) *Attorney, Agent, or Firm*—Mark P. Bourgeois

(57) **ABSTRACT**

A new and distinct cultivar of Jamesbrittenia plant named
‘Yagepin’, characterized by unique small marginally lobed
leaves and pink-colored flowers, making it a new hanging
basket distinct from all other varieties known to the inventor.

2 Drawing Sheets

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**CROSS-REFERENCES TO RELATED
APPLICATIONS**

This application corresponds to two other applications
entitled Jamesbrittenia Plant Named ‘Yagero’ (U.S. patent
application Ser. No. 09/689,332) and Jamesbrittenia Plant
Named ‘Yagevi’ (U.S. patent application Ser. No. 09/689,
324), both of which have the same inventor and filing date
as the present invention.

BACKGROUND OF THE INVENTION

The present invention relates to a new and distinct cultivar
known botanically as a Jamesbrittenia of hybrid origin and
referred to hereinafter by the cultivar name ‘Yagepin’. The
genus Jamesbrittenia has been split from the genus Sutura
under which plants of Jamesbrittenia have hitherto been
classified.

The new cultivar was bred and selected from a long term
breeding program aimed at producing new forms and colors
of patio plants and hanging baskets. The exact parents of
‘Yagepin’ are unidentified Jamesbrittenia species hybrids.
The original breeding material included Jamesbrittenia spe-
cies *jurassica*, *breviflora*, *microphylla* and *pristisepala*
(none of these have been patented). Through open pollina-
tion the species hybridized producing many generations of
seedlings. From these seedlings that resulted from various
unidentified crosses of Jamesbrittenia species, four new
selections were made. The breeding program was conducted
by the inventor in a cultivated area of Congleton, Chesire
England. The inventor conducted the first crosses in the
summer of 1992 and made four selections in 1999, of which
‘Yagepin’ was one. The method of origination or breeding
technique was seedling selection and re-selection, followed
by asexual propagation using cuttings.

‘Yagepin’ was selected for its characteristics as a new
patio plant and hanging basket and can be distinguished as
unique by its leaf size, leaf shape and flower color. The
foliage of ‘Yagepin’ resembles the co-pending applicants
‘Yagero’ and ‘Yagevi’, however, it is unique from others
existing in the trade due to its smaller and marginally lobed
leaves. In flower color ‘Yagepin’ differs from the co-pending
varieties by exhibiting pink flowers. In comparison, ‘Yagero’
flowers are rose-colored and ‘Yagevi’ flowers are violet-
colored.

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The first asexual propagation was conducted by the inven-
tor in Congleton, Chesire England in 1999, using cuttings.
The new cultivar has been found stable through many cycles
of vegetative propagation and remains true to type demon-
strating no off-types in successive generations.

SUMMARY OF THE INVENTION

The following traits have been repeatedly observed and
represent the characteristics of the new cultivar. These
attributes in combination distinguish this cultivar from all
other varieties known to the inventor. ‘Yagepin’ is a new
selection for a basket due to its leaf size and shape, and its
flower color. The foliage is similar to ‘Yagero’ and ‘Yagevi’,
however, the leaves are smaller and marginally lobed as
compared to all other existing varieties in the trade. Pink-
colored flowers distinguish ‘Yagepin’ from the two
co-pending varieties; ‘Yagero’ which exhibits rose-colored
flowers, and ‘Yagevi’ which exhibits violet-colored flowers.

BRIEF DESCRIPTION OF THE DRAWINGS

The accompanying color photographs illustrate the over-
all appearance of the new cultivar.

The photo on sheet 1 is a good representation of the plant
showing flower color, foliage, and habit of the plant.

The photo on sheet 2 gives a close-up view of stems with
the ‘Yagepin’ flowers on the left and the ‘Yagevi’ flowers on
the right. All photographs are taken of plants grown in
one-gallon containers. The prints are made using conven-
tional photographic techniques and although colors may
appear different from actual colors due to light reflectance
they are as accurate as possible by conventional photogra-
phy.

BOTANICAL DESCRIPTION OF THE PLANT

The following is a detailed description of the new cultivar
as grown in a one-gallon container under greenhouse con-
ditions in Encinitas Calif. Phenotypic differences may be
observed with variations in environmental, climatic and
cultural conditions. The color determinations are in accor-
dance with The Royal Horticultural Society Colour Chart
except where general color terms of ordinary dictionary
significance are used.

Botanical classification: Jamesbrittenia ‘Yagepin’.

Common name: Bacopa.

Use: Hanging basket, patio plant.

Parentage: The parents of 'Yagepin' are Jamesbrittenia species hybrids.

Seed parent.—Unidentified Jamesbrittenia species hybrid.

Pollen parent.—Unidentified Jamesbrittenia species hybrid.

Propagation: Vegetative cuttings.

Type: Annual.

Root system: Fibrous.

Special growing requirements: Shear after heavy flowering.

Seasonal interest: Profuse and colorful floral display.

Cropping time: 8 weeks to root from cutting.

Diseases and pests: Potential for mildew.

Growth habit: Upright and cascading.

Height: 45 cm. high.

Width: 45 cm. wide.

Hardiness: Observed as hardy from -5 to 15 degrees

Centigrade, however hardiness has not been fully tested.

Soil: Free-draining.

Light levels: Plant in part shade to full sun.

Stem shape: Cylindrical.

Stem color: 144A.

Stem size: 28 cm. long by 2 mm. wide.

Internode length: 1–2 cm. between nodes.

Stem surface: Slightly sticky, stipitate glandular.

Foliage:

Leaf arrangement.—Alternate.

Leaf division.—Simple.

Shape.—Lyrate but with lobes continuing toward apex.

Base.—Cuneate.

Apex.—Retuse with two shallow notches.

Venation.—Prominent mid-vein with veins diverging to lobes.

Margins.—Cleft with stipitate glandular edges.

Surface.—Viscid and stipitate glandular.

Length.—6 mm. long.

Width.—4 mm. wide.

Color (upper surface).—139B.

Color (lower surface).—138A.

Petiole.—3 mm. long and 1 mm. wide.

Foliar fragrance.—Mild turpentine-like scent.

Flower:

Type.—Solitary.

Shape.—Circular, rotate.

Margins.—Entire.

Surface.—Glabrous.

Fragrance.—None observed.

Flower size.—1.5 cm. wide by 1 cm. high.

Flowering season.—Spring and summer.

Flowering time.—Diurnal.

Aspect.—Facing outward and upward.

Peduncle length.—1.5–2 cm. long.

Peduncle width.—1 mm. wide.

Peduncle color.—139C.

Persistent or non-persistent.—Persistent.

Petals.—Five petals.

Fused or unfused.—Fused.

Petal color.—84B with dark rim 59A at edge of throat.

Throat markings.—Sunburst 17A with edges 155D.

Calyx surface.—Stipitate glandular.

Calyx size.—2 mm. wide by 3 mm. high.

Calyx color.—139B,C.

Sepal color.—139A,B.

Sepal width and length.—1 mm. wide by 3 mm. high.

Sepal number.—Five.

Reproductive organs:

Stamens.—Two stamens.

Stamen dimensions.—6–7 mm. in length and 0.50 mm. in diameter.

Pollen color.—15A.

Pistil color.—144C.

Number of pistils.—One in number.

Pistil dimensions.—6.5–7.5 mm. in length and 0.75 mm. in diameter.

Seed production:

Seed shape.—Spherical in shape.

Seed dimensions.—0.60–0.75 mm. in diameter and 0.60–0.75 mm. in height.

Seed color.—199B.

Capsule color.—200A.

Capsule dimensions.—2.5 mm. in diameter and 6 mm. in length.

Capsule shape.—Ovate.

Seed surface.—Glabrous.

Seed quantity.—30–40 per capsule.

I claim:

1. A new and distinct cultivar of Jamesbrittenia plant named 'Yagepin' as described and illustrated.

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