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Goetz

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(54) **FUCHSIA PLANT NAMED ‘SHABETTY’**
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patent is extended or adjusted under 35
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(58) **Field of Search** **Plt./300**
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(57) **ABSTRACT**
A new and distinct cultivar of Fuchsia plant named
‘Shabetty’, characterized by its upright and pendulous plant
habit; freely branching habit; full and dense plant growth
habit; and numerous red and white-colored flowers.

1 Drawing Sheet

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**BOTANICAL CLASSIFICATION/CULTIVAR
DESIGNATION**

Fuchsia×*hybrida* cultivar ‘Shabetty’.

BACKGROUND OF THE INVENTION

The present invention relates to a new and distinct cultivar
of Fuchsia plant, botanically known as *Fuchsia*×*hybrida*,
and hereinafter referred to by the name ‘Shabetty’.

The new Fuchsia is a product of a planned breeding
program conducted by the Inventor in Hebrechtingen, Ger-
many. The objective of the breeding program was to create
new freely flowering Fuchsia cultivars with compact plant
habit and numerous attractive flowers.

The new Fuchsia originated from a cross-pollination
made by the Inventor of a proprietary selection *Fuchsia*×
hybrida identified as code number 137/95, not patented, as
the female, or seed, parent with a proprietary selection
Fuchsia×*hybrida* identified as code number 197/97, not
patented, as the male, or pollen, parent. The cultivar Sha-
betty was discovered and selected by the Inventor as a
flowering plant within the progeny of the stated cross-
pollination in a controlled environment in Hebrechtingen,
Germany.

Asexual reproduction of the new Fuchsia by terminal
cuttings taken at Hebrechtingen, Germany has shown that
the unique features of this new Fuchsia are stable and
reproduced true to type in successive generations.

BRIEF SUMMARY OF THE INVENTION

The cultivar Shabetty has not been observed under all
possible environmental conditions. The phenotype may vary
somewhat with variations in environment such as tempera-
ture and daylength, without, however, any variance in geno-
type.

The following traits have been repeatedly observed and
are determined to be the unique characteristics of ‘Shabetty’.
These characteristics in combination distinguish ‘Shabetty’
as a new and distinct Fuchsia cultivar:

1. Upright and cascading plant habit.
2. Freely branching habit; dense and full plant growth
habit.
3. Numerous red and white-colored flowers.

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Plants of the new Fuchsia flower earlier than plants of the
female parent. In addition, sepal color of plants of the new
Fuchsia is more intense than sepal color of plants of the
female parent. Plants of the new Fuchsia are more freely
flowering than plants of the male parent.

Plants of the new Fuchsia can be compared to the cultivar
Lucy, not patented. In side-by-side comparisons conducted
in Hebrechtingen, Germany, plants of the new Fuchsia were
more vigorous and more upright than plants of the cultivar
Lucy.

BRIEF DESCRIPTION OF THE PHOTOGRAPHS

The accompanying colored photographs illustrate the
overall appearance of the new Fuchsia, showing the colors
as true as it is reasonably possible to obtain in colored
reproductions of this type. Colors in the photographs may
differ slightly from the color values cited in the detailed
botanical description which accurately describe the colors of
the new Fuchsia.

The photograph at the top of the sheet comprises a side
perspective view of a typical potted plant of ‘Shabetty’.

The photograph at the bottom of the sheet is a close-up
view of developing flower buds, fully opened flowers, and
upper and lower surfaces of typical fully expanded leaves of
‘Shabetty’.

DETAILED BOTANICAL DESCRIPTION

The aforementioned photographs and following observa-
tions and measurements describe plants grown in Bonsall,
Calif., under commercial practice during the spring in a
polypropylene-covered shadehouse with day temperatures
ranging from 13 to 35° C., night temperatures ranging from
13 to 18° C., and light levels about 5,000 foot-candles. Three
rooted cuttings were planted per 20-cm container and plants
were grown for about 12 weeks. In the following
description, color references are made to The Royal Horti-
cultural Society Colour Chart, 1995 Edition, except where
general terms of ordinary dictionary significance are used.

Botanical classification: *Fuchsia*×*hybrida* cultivar Shabetty.
Parentage:

Female or seed parent.—Proprietary selection of
Fuchsia×*hybrida* identified as code number 137/95,
not patented.

Male, or pollen, parent.—Proprietary selection of *Fuchsia*×*hybrida* identified as code number 197/97, not patented.

Propagation:

Type cutting.—Terminal cuttings.

Time to initiate roots.—About 14 days at 21° C.

Time to produce a rooted cutting.—About 28 days at 21° C.

Root description.—Fine and freely-branching; white to light brown in color.

Plant description:

Form.—Upright and cascading plant habit. Freely branching habit; dense and full plants. Freely flowering. Moderately vigorous.

Plant height at flowering.—About 38 cm.

Plant diameter at flowering.—About 26 cm.

Branching habit.—Freely branching habit; typically about 10 to 12 lateral branches develop per plant. Pinching (removal of terminal apex) enhances lateral branch development.

Lateral branch description.—Length: About 25 cm. Diameter: About 2 mm. Internode length: About 2.1 cm. Aspect: Initially upright to cascading with flower development. Strength: Moderately strong. Texture: Smooth, glabrous. Color: 182A.

Foliage description.—Arrangement: Simple, opposite. Length: About 4 cm. Width: About 2.5 cm. Shape: Elliptic. Apex: Acute. Base: Attenuate to obtuse. Margin: Slightly serrulate. Texture, upper and lower surfaces: Smooth, glabrous. Venation pattern: Pinnate. Petiole length: About 1.1 cm. Petiole diameter: About 2 mm. Petiole texture, upper and lower surfaces: Smooth, glabrous. Color: Young and fully expanded leaves, upper surface: 147A. Young and fully expanded leaves, lower surface: 147B. Venation, upper and lower surfaces: 147D. Petiole, upper and lower surfaces: 185D.

Flower description:

Flower type and habit.—Single bi-colored axillary flowers. Freely flowering; potentially two flowers per leaf axil; about two to four open flowers and about two to four flower buds per lateral branch. Flowers not persistent. Flowers not fragrant.

Natural flowering season.—March through October in southern California; flowering continuous during this period.

Flower longevity.—Flowers last about five days on the plant.

Flower orientation.—Initially upright, then pendulous.

Flower diameter.—About 3.2 cm.

Flower height.—About 4 cm.

Flower buds.—Shape: Roughly spherical. Length: About 1.8 cm. Width: About 1.4 cm. Color: 50A.

Petals.—Quantity: Four; arranged in a single whorl, imbricate. Length: About 1.2 cm. Width: About 1.4 cm. Shape: Fan-shaped, rounded. Apex: Rounded. Margin: Entire. Texture, upper and lower surfaces: Glabrous, smooth, satiny. Color: When opening, upper and lower surfaces: More white than 155D. Fully opened, upper surface: More white than 155D; venation towards base, 58C to 58D. Fully opened, lower surface: More white than 155D; venation towards base, 58D.

Sepals.—Quantity: Four; arranged in a single whorl, fused at base. Length: About 2 cm. Width: About 5 mm. Shape: Elliptic. Apex: Acute. Margin: Entire. Texture, upper and lower surfaces: Glabrous, smooth. Color: When opening, upper and lower surfaces: 50A. Fully opened, upper and lower surfaces: 50A.

Peduncles.—Length: About 1.5 cm. Diameter: About 1.25 mm. Aspect: Arching to horizontal. Strength: Moderately strong. Texture: Smooth, glabrous. Color: 144A.

Reproductive organs.—Stamens: Stamen number: Eight per flower. Anther length: About 2 mm. Anther diameter: About 1 mm. Anther shape: Oblong. Anther color: 60D. Pollen amount: Scarce. Pollen color: 155D. Pistils: Pistil number: One per flower. Pistil length: About 4 cm. Style length: About 3.3 cm. Style color: Towards apex, 51B, fading towards base to close to 155D. Stigma shape: Rounded. Stigma color: 53A. Ovary color: 144B.

Seed/fruit.—Seed and fruit production has not been observed.

Disease/pest resistance: Plants of the new *Fuchsia* have not been observed to be resistant to pathogens and pests common to *Fuchsias*.

Temperature tolerance: Plants of the new *Fuchsia* have been observed to tolerate low temperatures of 2° C. and high temperatures of 35° C.

Garden performance: Plants of the new *Fuchsia* have been observed to perform well in the garden and are tolerant to rain and wind.

It is claimed:

1. A new and distinct cultivar of *Fuchsia* plant named ‘Shabetty’, as illustrated and described.

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