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(54) **VARIETY OF *DICENTRA* PLANT NAMED**
'RED FOUNTAIN'

(50) Latin Name: *Dicentra peregrinaxeximia*
Varietal Denomination: **Red Fountain**

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patent is extended or adjusted under 35
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(21) Appl. No.: **12/291,637**

(22) Filed: **Nov. 12, 2008**

(65) **Prior Publication Data**

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

(52) **U.S. Cl.** **Plt./426**

(58) **Field of Classification Search** **Plt./426**
See application file for complete search history.

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(57) **ABSTRACT**

A new and distinct *Dicentra peregrinaxeximia* plant named
'Red Fountain' with dark burgundy flowers, good vigor, a
compact habit and long flowering period.

4 Drawing Sheets

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Botanical classification: *Dicentra peregrinaxeximia*.
Varietal denomination: 'Red Fountain'.

BACKGROUND OF THE INVENTION

The present invention comprises a new and distinct cultivar
of *Dicentra peregrinaxeximia* known by the varietal name
'Red Fountain'. The new variety was discovered in Hok-
kaido, Japan in May of 2004. The new variety has been
asexually reproduced via tissue culture or cuttings, and the
first date of asexual reproduction was in February of 2005 in
Hokkaido, Japan. The new variety is the result of a planned
breeding program cross between an unpatented, unnamed
Dicentra peregrina plant (female parent) and an unpatented,
unnamed *Dicentra eximia* plant (male parent). The purpose of
the breeding program was to develop new varieties that
exhibit improvements in vigor and longer flowering periods.
The new variety exhibits similar form and foliage to both
parents, but does have a more improved vigor, more flowers,
and a longer flowering period than both parents. 'Red Foun-
tain' exhibits similar foliage, habit, and vigor to *Dicentra*
peregrinaxeximia 'Candy Hearts' (U.S. Plant Pat. No.
14,692), but has a different flower color than 'Candy Hearts'.
The new variety has been trial and field tested and has been
found to retain its distinctive characteristics and remain true
to type through successive propagations. The following char-
acteristics distinguish 'Red Fountain' from other varieties
known to the breeder:

1. Compact, more upright habit;
2. Good vigor with strong growth;
3. Strong, more rhizomatous root system; and
4. Long flowering period from late April until September.

DESCRIPTION OF THE DRAWINGS

The accompanying photographic drawings illustrate the
new variety, with the color being as nearly true as is possible
with color illustrations of this type:

FIG. 1 is a close up view of the blossoms of the new variety;

FIG. 2 is a view of a field of the new variety

FIG. 3 is a close-up view of the blossoms of the new
variety; and

FIG. 4 is a close up view of the foliage of the new variety.

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DESCRIPTION OF THE PLANT

The following detailed description sets forth the character-
istics of the new cultivar grown outside in the open ground
with no extra fertilizer in The Netherlands. The color readings
were taken in The Netherlands in natural daylight. Plants of
the new cultivar were approximately four months old when
described as the plugs were planted in May and the measure-
ments were taken in early September. Color references are
primarily to the R.H.S. Colour Chart of The Royal Horticul-
tural Society of London.

PLANT

- 15 Time to initiate roots: About 21 days at about 15° C.
Time to develop roots: About 49 days at about 15° C.
Time to produce a finished flowering plant from a rooted
cutting: About 70–84 days.

Rooting habit: Fine rhizomatous root system.

20 Form: Low spreading mounded foliage.

Stem: Not present; the foliage and flowers arise directly from
the root system.

Height: Approximately 30 cm.

25 Plant diameter: 30–40 cm.

Vigor: Good.

Branching habit: Non-branching.

Foliage:

Arrangement.—Petioles arise from the base.

30 *Size of leaf.*—Length: 10–12 cm. Width: 10–12 cm.

Leaflets.—Shape of leaflet: Rounded, but deeply cut.
Number: 5–7. Width: Approximately 5 cm. Length:
Approximately 6 cm. Shape of apex: Acute. Shape of
base: Uneven. Texture: Glabrous. Margin type: Fern-
like, deeply cut. Pubescence: Upper surface: Both
glabrous and glaucous. Lower surface: Both glabrous
and slightly glaucous. Color: Young leaflet: Upper
surface: 138A. Lower surface: 138B. Mature leaflet:
Upper surface: 189A. Lower surface: 191A.

Petiole.—Length: Approximately 12 cm. Diameter: 3–4
mm. Color: 138A, flushed from 59A to 59B.

FLOWER

Bud: Stage of development when bud characteristics determined: Just before opening.

Shape.—Pitcher-shaped.

Diameter.—10 mm.

Length.—22–23 mm.

Color.—60A.

Natural flowering season: Mid-April until late September, depending on temperature.

Flower type and habit:

Panicle.—Shape: Tightly packed. Number of flowers per panicle: 16 or more flowers. Length of pedicel: 10–20 mm. Length of peduncle: 20–24 cm.

Corolla:

Form.—Zygomorphic; fused petals (lobed).

Petals.—Total number: 4 in 2 pairs. Outer pairs: Number: 1. Length: 18 mm. Width: Minimum of 4 mm to a maximum of 8 mm. Shape: Fused; cordate. Aspect: Pendant; nodding. Margin: Entire. Texture: Smooth. Color: When opening: Upper surface: 60A. Lower surface: 65D. Fully opened: Upper surface: 60A. Lower surface: 65D. Inner pairs: Number: 1. Length: 20 mm. Width: 4–5 mm. Shape: Fused tube. Aspect: Pendant; hanging. Margin: Entire. Texture: Smooth. Color: When opening: Upper surface: 60A. Lower surface: 65D. Fully opened: Upper surface: 60A. Lower surface: 65D.

Calyx:

Form.—Vestigial in two halves.

Length.—2–3 mm.

Diameter.—2 mm.

Sepal shape.—Acute.

Sepal margin.—Entire.

Sepal texture.—Glabrous.

5 *Sepal size*.—Length: 2–3 mm. Width: 2 mm.

Sepal color.—Upper surface: 59A. Lower surface: 59B.

Fragrance: Lightly fragrant.

Disease resistance: Good, slightly susceptible to Phytophthora.

Temperature tolerance: Between -10° C. to $+30^{\circ}$ C.

10 Lasting quality: Excellent; lasting up to 3 weeks depending on weather conditions.

REPRODUCTIVE ORGANS

15 Stamens:

Number.—2 per flower.

Filaments.—Length: 20 mm. Fused: Yes. Color: 155C.

Anthers.—Shape: Triform. Length: 2 mm. Color: 17A.

Pollen.—Color: 17A. Amount: Little.

20 Pistils:

Length.—Approximately 20 mm. Style: Length.—11–12 mm. Color: 144B.

Stigma.—Shape: Rounded. Color: 144A.

Seed/fruit production: None observed.

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I claim:

1. A new and distinct variety of *Dicentra peregrinaxeximia* plant named 'Red Fountain' substantially as shown and described herein.

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Fig. 1



Fig. 2

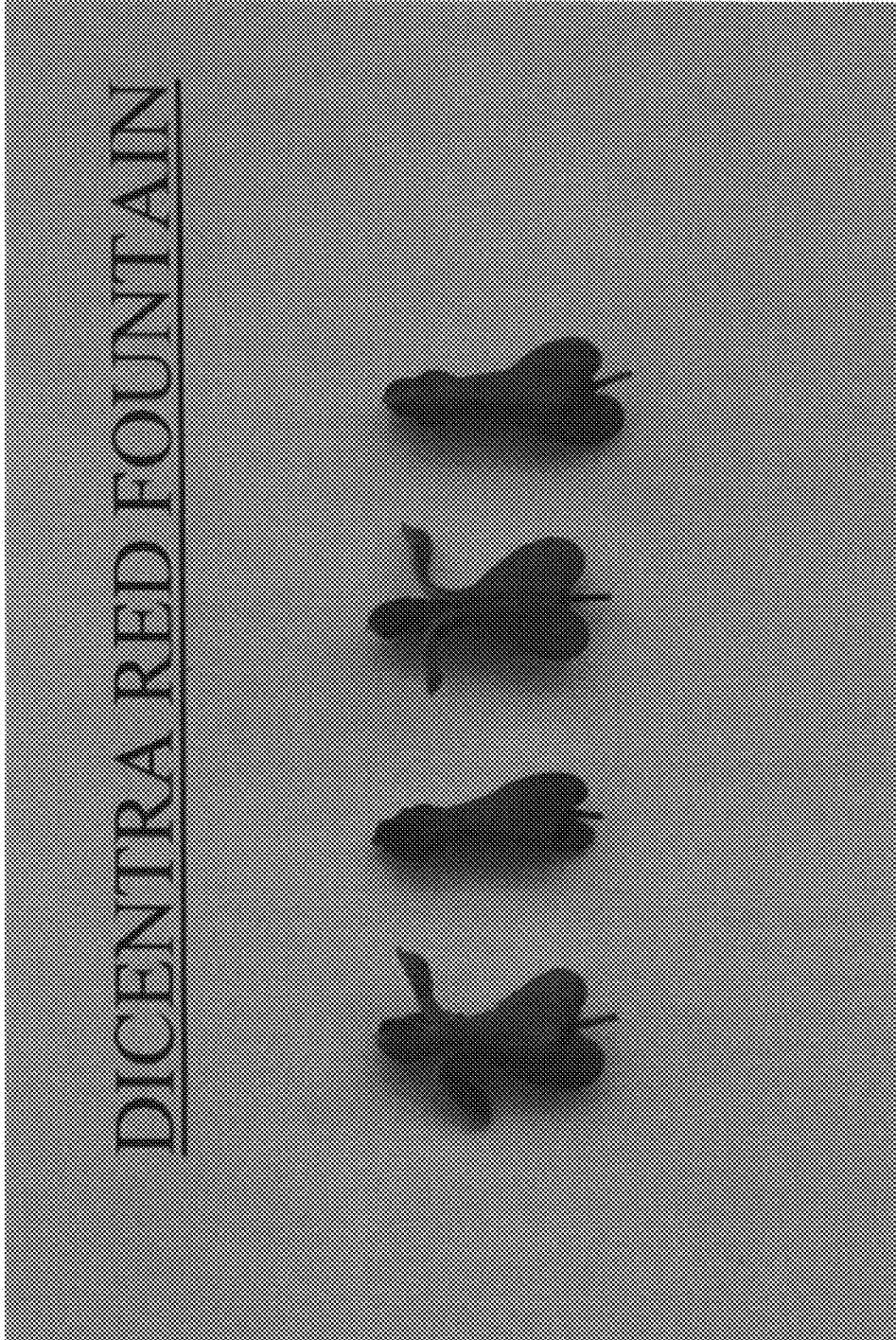


Fig. 3

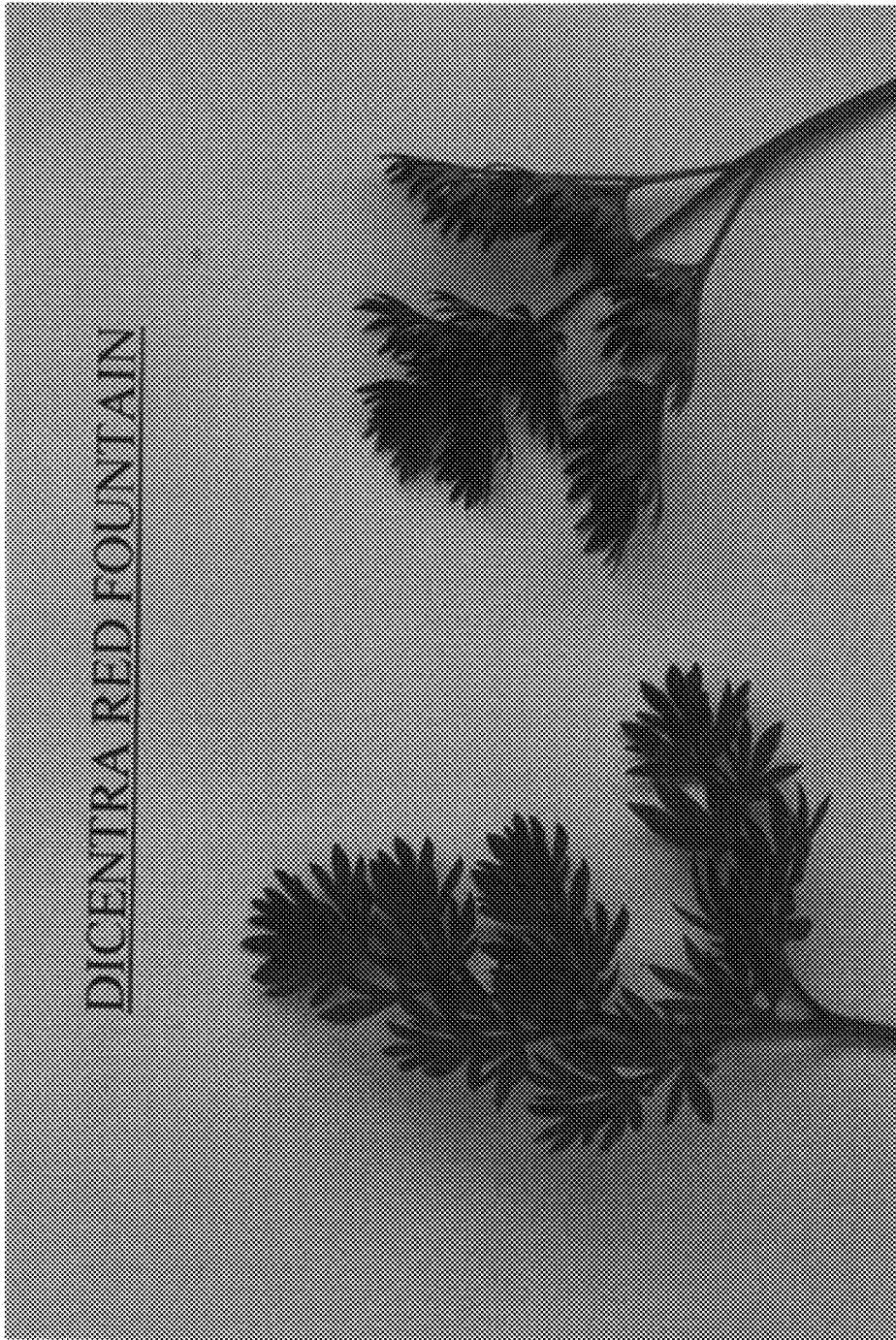


Fig. 4