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

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(54) **CORYDALIS FLEXUOSA PLANT NAMED
‘GOLDEN PANDA’**

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(*) **Notice:** Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
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(57) **ABSTRACT**

A new and distinct form of *Corydalis* plant characterized by
its distinctive yellow variegated leaves.

1 Drawing Sheet

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The present invention relates to a new and distinct cultivar
of *Corydalis*, of the family Papaveraceae, which originated
from a mutation in tissue culture from an unpatented *Cory-*
dalis flexuosa ‘Blue Panda’.

This plant is characterized by the unique variegation of its
foliage, which is patterned and colored with shades of
yellow.

The new variety has been reproduced only by asexual
propagation (division and micropropagation). Each of the
progeny exhibits identical characteristics to the original
plant. Asexual propagation by division and micropropaga-
tion as done in Canby, Oreg., shows that the foregoing
characteristics and distinctions come true to form and are
established and transmitted through succeeding propaga-
tions. The present invention has not been evaluated under all
possible environmental conditions. The phenotype may vary
with variations in environment without a change in the
genotype of the plant.

BRIEF DESCRIPTION OF THE DRAWING

The drawing shows a two-year-old *Corydalis flexuosa*
‘Golden Panda’ in bloom in early summer.

DETAILED PLANT DESCRIPTION

The following is a detailed description of the new *Cory-*
dalis flexuosa variety based on observations of two-year-old
specimens grown in two-gallon containers in a cool green-
house in Canby, Oreg. The color descriptions are all based
on The Royal Horticultural Society Colour Chart.

Botanical name: *Corydalis flexuosa*.

Cultivar name: ‘Golden Panda’.

Plant:

Form.—Clumping, herbaceous perennial, non-running
habit.

Cold hardiness.—USDA Zone 5.

Size.—To 20 cm tall and 30 cm wide.

Stem:

Type.—Rhizomatous, covered with fleshy scales.

Size.—About 0.7 cm wide.

Color.—Greyed Orange 174B.

Leaf:

Type.—Compound, biternate.

Arrangement.—Basal.

Shape.—Ovate in outline.

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Lobing/division.—Each secondary leaflet is ternately
divided and each division is 2–3 lobed.

Venation.—Palmate.

Margins.—Deeply divided, each lobe is entire.

Apex.—Mucronulate.

Base.—Lateral leaflets cordate, terminal leaflets trun-
cate to cuneate.

Size.—To 4 cm long and 3.25 cm wide.

Texture.—Glabrous.

Petiole length.—To 8 cm long.

Petiole texture.—Glabrous.

Petiole color.—Greyed Orange 174A–B to Greyed Red
182A.

Leaf color.—Variegated with leaflet centers irregularly
Yellow 4D to 2C streaking to greener toward mar-
gins Yellow Green 144A to Yellow Green 146C and
147C. Winter and early spring leaves are Green 138A
with streaks of Yellow Green 145A. The base of each
leaflet has a reddish spot like the petiole, Greyed Red
182A.

Inflorescence:

Type.—Raceme.

Number of flowers.—To about 11 per raceme.

Peduncle.—Height — about 14 cm. Diameter — 0.15
cm. Color — Greyed Yellow 161A–B. Texture —
Glabrous.

Pedicel.—Length — to about 1.5 cm. Texture — Gla-
brous. Color — Greyed Red 179C–D.

Bracts.—At pedicel base, leaf-like, lobed. Shape —
Changes from reniform to orbicular to ovate to
oblanceolate to linear going up the stem. Lobing
decreases going up the stem from three leaflets and
each leaflet 3–4 parted and lobed to one leaflet
deeply lobed to a single lobe. Apex mucronulate.
Size — Changes from bottom bract 1.7 cm wide and
1.4 cm deep to top bracts 5 mm long and 1.5 mm
wide. Color — Green 138A heavily streaked Yellow
4D with lobe tips Greyed Red 182A.

Bloom period.—April to June in Canby, Oreg.

Flower bud:

Size.—About 1.7 cm long and 0.3 cm wide at the widest
point prior to opening.

Description.—Shaped like a young tadpole.

Color.—Blue 106A–B with White 155D on bottom
side. There is a purple spot on the upper petal lobe,
Violet 87B.

Flower:

Type.—Zygomorphic.
Shape.—Tubular. Upper petal with a nectary spur which curves up. Nectary spur extends back from pedicel for 0.6 cm.
Size.—About 2.5 cm long and 0.6 cm at tip where it is widest.
Color.—Blue 106A–B on upper petal and tip of lower petal. White 155D on lower petal and inner petals. Upper and lower petal lobes have a purple spot, Violet 87B darkening to Violet-Blue 93B with maturity. Young Nectary Spurs have a purplish cast on the bottom, Violet 91B.
Petal count.—4.
Sepal #.—0.
Stamen number.—2.
Anther number.—6, three on each filament.
Pistil.—One, about 1.1 cm long and white 155A.
Pollen.—Yellow 13C.
Filaments.—Flat, translucent, 0.4 cm long.
Fragrance.—Reminiscent of sweet violet.
Lastingness.—A raceme blooms for about 3 weeks on the plant.

Fruit:

Type.—Narrowly linear, pendent capsules.
Size.—1.3 cm long and 1.5 mm wide.

Color.—Yellow Green 144B.
Fertility.—Low.

Seed:

Shape.—Flattened oval.
Color.—Black 202A.

Diseases: None observed on plants grown commercially in Canby, Oreg.

Pest resistance and susceptibility: Susceptible to aphids and spider mites like other *Corydalis* sp.

DESCRIPTION AND COMPARISON OF
PARENT PLANT

Corydalis flexuosa ‘Blue Panda’ has pale blue-green, unmarked, fern-like leaves and sky-blue flowers with curved spurs. It is clump forming with a non-running habit. Compared to *Corydalis flexuosa* ‘Blue Panda’, *Corydalis flexuosa* ‘Golden Panda’ is a stable variegated form with leaves which turn golden in the summer. Both plants have excellent form, vigor, and blooms.

I claim:

1. A new and distinct form of *Corydalis* plant substantially as shown and described, characterized by a distinct yellow leaf coloration and pattern.

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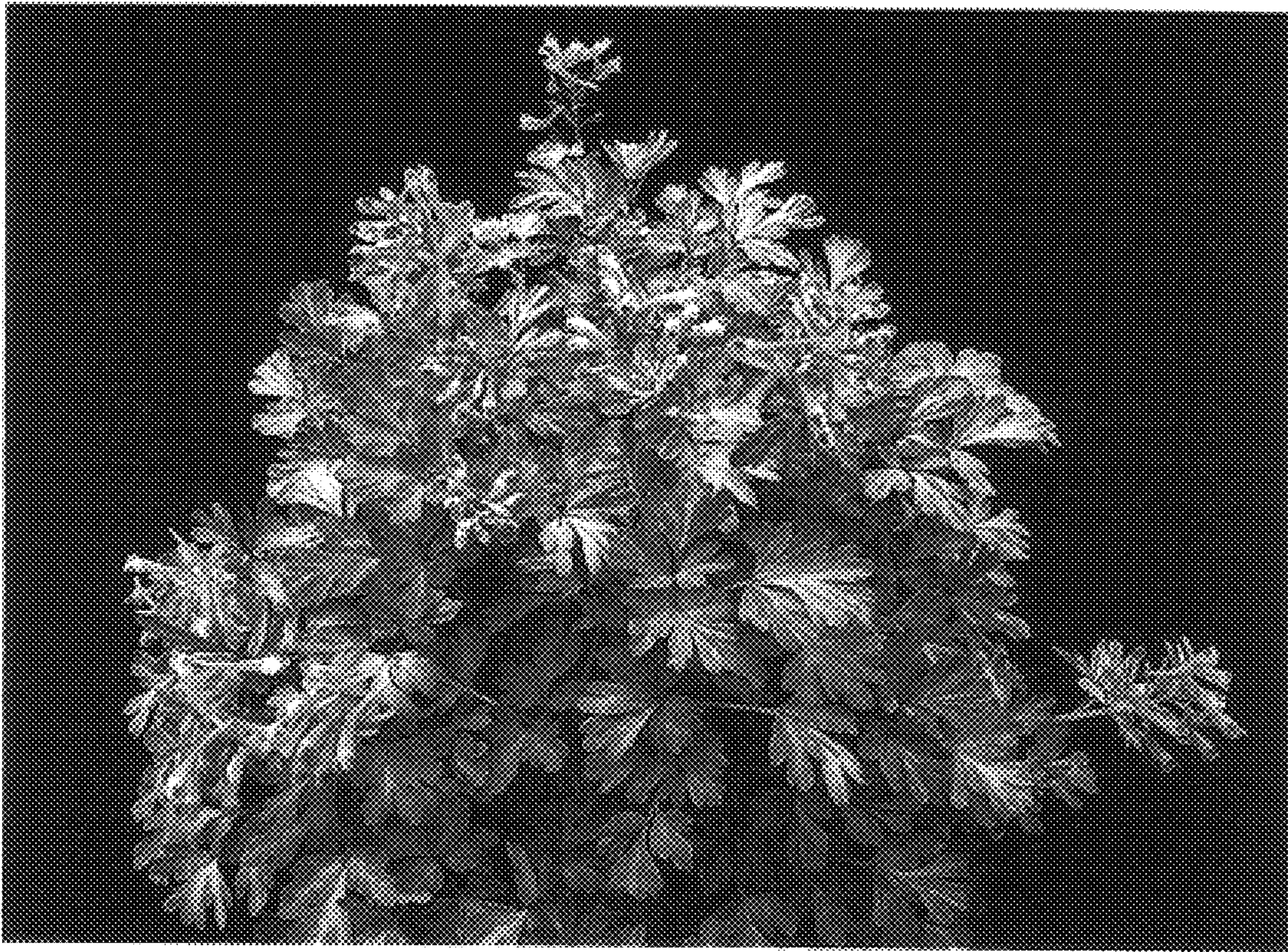


FIG 1