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

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(54) **CANNA HYBRIDA PLANT NAMED**
'MNIMAR'

(51) **Int. Cl.**⁷ **A01H 5/00**

(52) **U.S. Cl.** **Plt./263**

(58) **Field of Search** **Plt./263**

(50) Latin Name: *Canna hybrida*
Varietal Denomination: **MNI**mar

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(57) **ABSTRACT**

(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 10 days.

A new and distinct cultivar of *Canna hybrida* named MNI-
mar characterized by the novelty of multiple inter-veinal
striped yellow-green foliage with compact, large pink flow-
ers that complement the foliage and shed quickly after they
are spent, and dwarf growth habit. The combination of these
characteristics on a single plant make MNImar a worthy new
introduction well suited for the garden or container.

(21) Appl. No.: **10/715,606**

3 Drawing Sheets

(22) Filed: **Nov. 17, 2003**

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Genus and species: *Canna hybrida*.
Variety denomination: 'MNI'mar'.

DESCRIPTION OF THE NEW CULTIVAR

SUMMARY OF THE INVENTION

The following detailed descriptions set forth the distinc-
tive characteristics of 'MNI'mar'. The data which defines
these characteristics were collected from asexual reproduc-
tions carried out in Dearing, Ga. The plant history was taken
on 3 month old fully mature and blooming plants in five and
three gallon pots, under normal nursery conditions. Color
references are primarily to The R.H.S. Colour Chart of The
Royal Horticultural Society of London (R.H.S.).

The present invention was selected as a sport from a group
of divisions of the *Canna hybrida* 'Pink Sunburst'
(unpatented) grown in a cultivated area due to its distinc-
tively different foliage color having no rose coloration
within the leaves as it's parent *Canna hybrida* 'Pink Sun-
burst' does. The invention is unlike any other variegated
leafed *Canna* due to the combination of green/yellow
foliage, pink flowers, and a dwarf growth habit. Bengal
Tiger has similar foliage color, but is not dwarf, growing to
six feet in one season and also does not have pink flowers,
it has bright orange flowers by comparison.

DETAILED BOTANICAL DESCRIPTION

ORIGIN AND ASEXUAL REPRODUCTION

Classification:

Asexual reproduction of a *Canna* is preformed by the
growth of rhizomes and separation of growing eyes from the
mother plant. The new cultivar was divided and successfully
propagated in July 2003 without any reversion or mutation
of the new cultivar's characteristics at in Dearing, Ga. It has
been found to retain its distinctive characteristics through
successive propagations; and this novelty is firmly fixed.

Botanical.—*Canna hybrida*.

Commercial.—*Canna hybrida* named 'MNI'mar'.

Habit.—Forms a dense upright mass of stems topped
by flowering panicles, slowly expanding in width by
rhizomes beneath the soil surface.

The new cultivar is being grown in full sun in a pine bark
sand media under normal nursery conditions, 5 gallon and 3
gallon containers.

Height.—A maximum height of 525 mm is achieved in
the first growing season.

Texture.—The large 300 mm by 140 mm leaves give
the plant a dense coarse texture in the landscape with
clean smooth lines of the foliage.

DESCRIPTION OF PHOTOGRAPH

The stems:

This new canna plant is illustrated by the accompanying
photograph which shows blooms, buds, and foliage of the
plant in full color, the colors shown being as true as can be
reasonably obtained by conventional photographic proced-
ures.

Color.—Ranges from lime green (RHS 145D) at soil
level, to light green (RHS 145C) and (RHS 145B)
shaded by the leaf petiole, to green (RHS 143C)
exposed to the sun.

FIG. 1 is a close-up view of the plant showing the color
of the petals.

Diameter.—Ranges from 21.8 mm at the base to 11 mm
at the flowering panicle.

FIG. 2 is a view of the entire plant showing its form in pot
culture when in full bloom.

Shape.—Stems are rounded, slightly oval in shape.

Pith.—Solid, lime green in color (RHS 149D).

FIG. 3 is a close-up view showing the leaf color.

Internode length.—Varies with area of the plant taken,
the internode closest to ground level is 11 mm in
length, the internode just below the flower panicle is
56 mm in length. The remaining internodes above
ground are within the 11 to 56 mm inch range.

The leaves:

Color.—Leaves — from emergence to 30 days after
unfolding to mature size exhibit three colors, a base
color of green (RHS 139A), an irregular yellow

(RHS 7A) variegation running parallel to the leaf veins from the midrib to the leaf margin that ranges from 1 to 2 mm in diameter with no pattern of occurrence density, and a 2 mm rose (RHS 53A) margin on the outer edge of the leaf from the leaf tip to half way back to the petiole. b. Mature foliage 30 days or more in age exhibit two colors, a base color of green (RHS 139A) with the same irregular variegation that has faded to a cream (RHS 2D) color. There is no longer a different colored margin on the leaf. c. Midrib has strips of yellow (RHS 150C) and green (RHS 141D) running in irregular lines parallel to the midrib on the underside of the leaf. On the top side of the leaf, there is a thick green (RHS 139C) stripe in the center of the midrib running the length of the midrib that is surrounded by yellow (RHS 150C).

Mature size.—Average 300 mm in length and 140 mm in width.

Shape.—Ovate and broad elliptical with an entire margin and pinnate venation.

Arrangement.—Form an opposite alternate arrangement on the stem.

Texture.—Thick, leathery feel, with leaf ribs able to be felt on the leaf and with a distinct shine to it with what appears to be a high degree of waxiness.

The petiole:

Length.—Average 200 mm, shorter petioles are found on lower leaves (70 mm) with the longest petiole on the highest and largest leaf.

Shape.—Petioles form from a node and completely surround the stem opening to a curved shape at the leaf blade with a thick crescent shaped area at the back center of the curve.

Color.—The petiole color is a continuation of the markings on the leaf midrib. The petiole has strips of yellow (RHS 150C) and green (RHS 141D) running in irregular lines parallel from the base of the leaf to the stem. On the inside of the petiole, the side facing the stem, there is a thick green (RHS 139C) stripe in the center that runs the length of the petiole and is surrounded by yellow (RHS 150C).

Diameter.—The curve is 15 mm across.

The buds:

Size.—Average 28 mm length and 6 mm wide.

Color.—The color fades from a reddish (RHS 44A) at the visible tip to a yellow (RHS 1C) at the base.

Shape.—Lanceolate.

Time range.—Buds may be visible from mid May to Frost depending on growth stage of the plant.

The inflorescence:

Type.—Inflorescence a terminal raceme branching at the bracteate, forming secondary racemes. The flowers of the terminal raceme open first followed by the formation and flowering of secondary racemes. The flowers are born in pairs on short pedicels. Each flower or pair of flowers is subtended by a bract. Flowering from Early Summer to Frost.

Size.—A single flower raceme measures 100 mm by 80 mm wide and 100 mm high at first flowering.

Color.—Stem color is green (RHS 143C).

Number of individual flowers per inflorescence.—a. Each raceme averages 7 individual flowers. b. Each stem averages 3 racemes. c. Each inflorescence averages 21 individual flowers.

Pedicel color.—Green (RHS 143C).

Pedicel length.—Short pedicels 3 mm in length are at the base of each flower.

The flower:

Petal size.—Averages 52.25 mm in width and 80.25 mm in length united at the base, with three in each flower.

Petal shape.—Petals are narrow at the base becoming broad and rounded at the end in a spatulate shape.

Petal margin.—Solid margin around the petal.

Petal texture.—Soft, silky pliable texture.

Petal color peak of bloom.—Solid pink (RHS 49C) with darker pink (RHS 49A) veins lightly visible on both upper and lower sides.

Sepal size.—41 mm long by 15 mm wide.

Sepal shape.—Long narrow lance shaped rapping around the pedals.

Sepal margin.—Solid margin.

Sepal texture.—Smooth.

Sepal color at peak of bloom.—a. Upper surface: (RHS N34C). b. Lower surface: (RHS 19A) shaded by other plant parts.

The male reproductive structures:

Stamens.—1 per flower that is formed by a petaloid with a single anther on the upper surface.

Anther size.—10 mm long and 2 mm wide.

Anter color.—Tan (RHS 199C).

Filament.—Filament is fused into a petaloid 12 mm wide and 51 mm long; the petaloid is Pink (RHS 49C) with yellow (RHS 12C) spotting at the apex.

Pollen color.—Light tan (RHS 159C).

The female reproductive structures:

Ovary shape.—Three locular, verrucose, capsule.

Ovary size.—7 mm in width and 7 mm high.

Ovary position.—Inferior below petals, calyx, and sepals, visible beneath the flower.

Ovary color.—Green (RHS 142A).

Stigma shape.—Apex.

Stigma color.—Creamy orange (RHS 28C).

Style length.—50 mm by 5 mm.

Style shape.—Smooth flat and broad, slightly curving.

Style color.—Glossy yellow (RHS 12B).

The fruit:

Type.—A single verrucose capsule is formed per flower after flower senescence about 1 percent of the time under normal nursery conditions.

Size.—The Seed pod grows to 20 mm by 20 mm with three distinct compartments. The pod will expand further if seed is formed to encompass all of the seed, but usually it will shrivel and die.

Color during ripening.—The seed pod starts with a dark green (RHS 143C) and lightens to a slightly lighter green (RHS 144B) as it expands.

Persistence.—The Seed pod will only grow larger with seed present, generally it will shrivel and die on the plant, dropping afterward.

The seed:

Shape.—A smooth, rounded, oval seed is formed with a hard outer coating.

Size.—9 mm long and 7 mm in diameter.

Color.—Hard, shiny, dark brown (RHS 200A) coating.

Germination capacity.—Germination is not uniform and indeterminate.

I claim:

1. A new and distinct cultivar of Canna plant as shown and described herein.

* * * * *



FIG 1



FIG 2

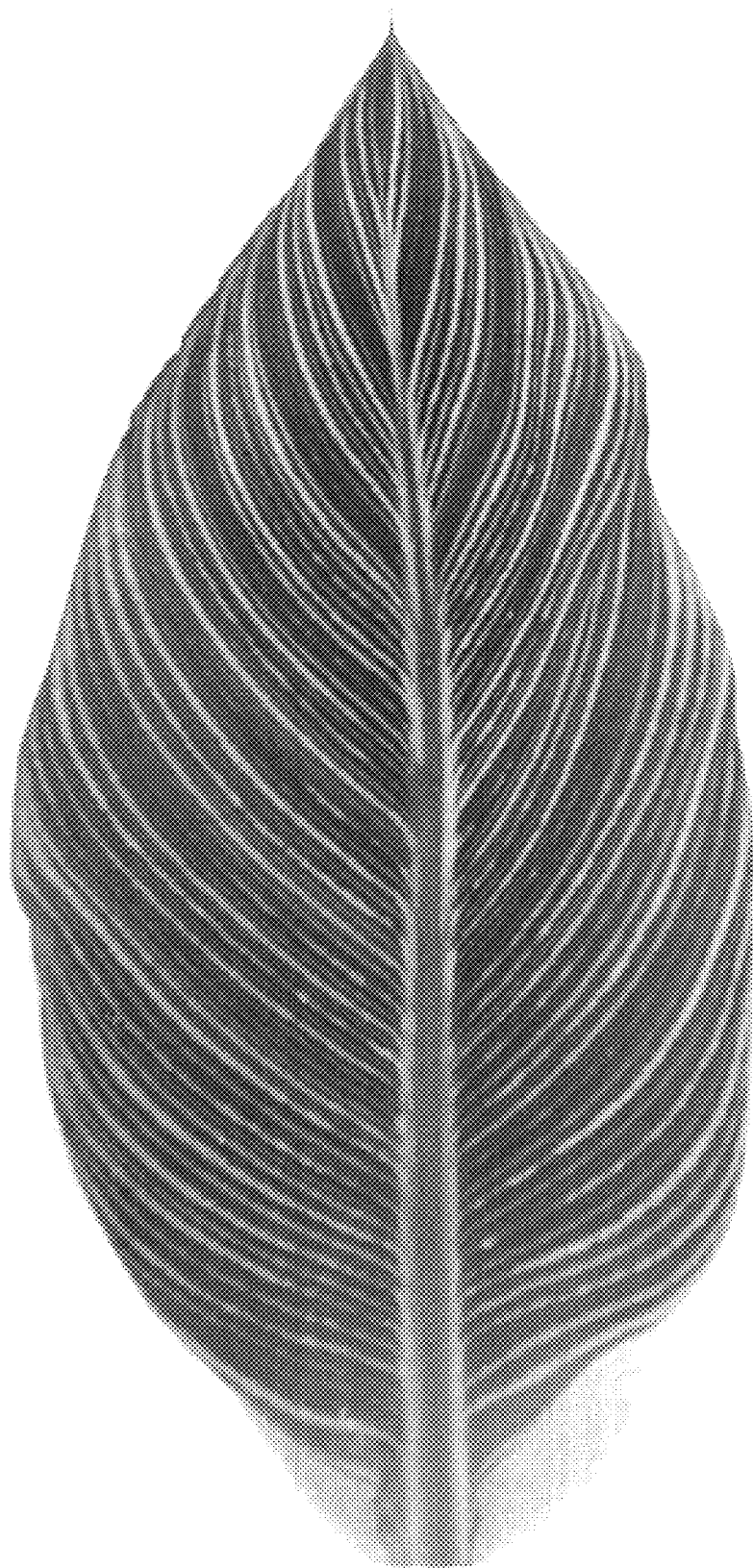


FIG 3