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

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(54) **GAILLARDIA PLANT NAMED ‘GRANBUR’**

(50) Latin Name: *Gaillardia aristata*
Varietal Denomination: **Granbur**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: **11/977,142**

(22) Filed: **Oct. 23, 2007**

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

(52) **U.S. Cl.** **Plt./431**

(58) **Field of Classification Search** Plt./431
See application file for complete search history.

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(57) **ABSTRACT**

A new *Gaillardia* plant, particularly distinguished by its deep red flower color, early flowering without cold induction, and compact plant habit.

1 Drawing Sheet

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Latin name of the genus and species of the plant claimed: *Gaillardia aristata*.
Varietal denomination: ‘Granbur’.

BACKGROUND OF THE NEW PLANT

The present invention comprises a new distinct cultivar of *Gaillardia*, botanically known as *Gaillardia aristata*.

The new *Lavandula* was not discovered but is a product of a planned breeding program conducted in Enkhuizen, Netherlands. The new *Lavandula* cultivar has a compact plant habit, a blue-purple flower color, and is early flowering.

The new *Lavandula* is propagated by cuttings resulting from a single seedling. This seedling from a selection in *Lavandula angustifolia* ‘Hidcote Blue’ (not patented, a seed strain), identified as number ‘D1804.’ A plant was selected in this strain and the seeds of this plant were harvested in the field. The female parent is known and the male parent is a “cloud” of pollen of the other plants. These seeds were sown and the same cycle was done: in this population one plant was selected and harvested, so pollinated again with a “cloud” of pollen. A third cycle was done the same way and the final seedling was selected. This took place from June 1998 until July 2000 in Enkhuizen, Netherlands. The seedling was selected in July 2001 in Enkhuizen in field conditions.

The present cultivar has been repeatedly asexually reproduced by cuttings in Enkhuizen, Netherlands, since 2001. The distinctive characteristics of this new *Gaillardia* are stable and reproduced true to type in successive generations of asexual reproduction.

The new *Gaillardia* plant is a perennial in zones 4 to 9 in the US.

DESCRIPTION OF THE DRAWING

The new *Gaillardia* plant is illustrated by the accompanying photographic drawing which shows blooms, buds and foliage of the plant in full color, the color showing being as true as can be reasonably obtained by conventional photographic procedures.

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BOTANICAL DESCRIPTION OF THE PLANT

The following detailed descriptions set forth the distinctive characteristics of this new *Gaillardia*. The data which defines these characteristics were collected from asexual reproductions carried out in Enkhuizen, Netherlands. The plant history was taken on 13 week old plants. The instant plant was grown in an 11 cm container in an outdoor container field.

Color references are primarily to the R.H.S. Colour Chart of The Royal Horticultural Society of London.

Plants of the new *Gaillardia* differ primarily from the plants of the originator ‘Burgundy’ in the following characteristics:

Plants of the new variety are flowering very early without needing cold for flower induction, whereas plants of the originator flower late and need cold for flower induction. Plants of the new variety are more uniform and have a longer flowering period than plants of the originator.

TABLE 1

DIFFERENCES BETWEEN THE NEW CULTIVAR ‘GRANBUR’ AND A SIMILAR CULTIVAR

	‘Granbur’	‘Burgundy’ (Not patented)
Plant habit	Very compact	Loose
Time of flowering	10-12 weeks after potting	14-18 weeks after potting

The plant: Classification — Botanical : *Gaillardia aristata*.
Parentage:

Originator selection.—‘Burgundy’ (Not patented).

Propagation:

Type of cutting.—Terminal cuttings.

Time to initiate roots.—6–12 days at 18° C.

Time to produce a rooted cutting.—2 weeks.

Root description.—Fine, fibrous and white in color.

Plant description:

Form.—Globular, symmetrical, mounded.

Height.—39–42 cm.

Plant diameter.—28 cm.

Branching habit.—Freely basal branching.

The stem:

- Shape*.—Cylindrical.
Color.—138B.
Texture.—Strigose.
Length.—17 cm.
Diameter.—3 mm.
Internode length.—16 mm.
Quantity.—Approximately 28 per plant.

The foliage:

- Type*.—Simple.
Arrangement.—Opposite, decussate.
Number of leaves per stem.—10.
Size of leaf.—Length : 56–84 mm. Width : 19–26 mm.
Shape of leaf.—Oblanceolate.
Shape of apex.—Acute.
Shape of base.—Attenuate.
Texture.—Pubescent.
Margin.—Entire.
Fragrance.—Present.
Color.—Upper surface : 137C. Lower surface : 137D.
Petiole.—Absent.
Venation.—Reticulate.

The flower:

- Natural flowering season*.—June to September.
Flower type.—Composite; disc and ray florets arranged acropetally on a capitulum.
Form.—Solitary.
Appearance.—Single flowers.
Aspect.—Facing upward or outward.
Flower size.—Diameter : 55 mm. Depth : 36 mm.
Disc diameter.—15 mm.
Number of flowers per plant.—145.
Flower opening/closing behavior.—Flowers stay open permanently.
Fragrance.—No fragrance.
Bud (just before flowering).—Shape : Oval. Diameter : 4 mm. Length : 11 mm. Color : N88A. Texture : Pubescent.
Ray florets.—Quantity : 26. Arrangement : Radiate. Shape : Elongated, cupped; 5 petals fused at the base. Length : 27 mm. Width : 11 mm. Apex : Acute. Base : Attenuate. Margin : Entire. Texture both sides : Gla-

brous. Color when fully opened Upper side : 46A. Lower side : 46A.

Disc florets.—Quantity : 70. Shape : Cylindrical, 6 acuminate lobes at apex. Length : 7 mm. Diameter : 1 mm. Texture : Glabrous. Color : 54B.

Receptical.—Shape : Cone. Diameter : 15 mm. Depth : 8 mm. Color : 144C.

Peduncle.—Form : Strong, erect. Length : 43 mm. Diameter : 2 mm. Texture : Strigose. Color : 143C.

Involucral bracts.—Quantity : 22. Shape : Lanceolate. Apex : Acuminate. Base : Truncate. Margin : Entire. Length : 7 mm. Width : 3 mm. Texture : Densely pubescent.

Lasting quality of flowers.—On the plant : 18 days. Cut flowers : 10 hours.

Reproductive organs:

Androecium.—On disc florets.

Stamen number.—4.

Filaments.—Adanate to corolla.

Anther.—Shape : Linear. Length : 2 mm. Color : 158D.

Amount of pollen.—Mediocre.

Pollen color.—164A.

Gynoecium.—On disc and ray florets.

Stigma shape.—2 parted.

Stigma length.—4 mm.

Stigma color.—158D.

Pistil quantity.—1 per floret.

Pistil length.—15 mm.

Style length.—4 mm.

Color.—158D.

Ovary length.—1 mm.

Ovary color.—145C.

Disease resistance: No disease/pest resistance has been observed to date.

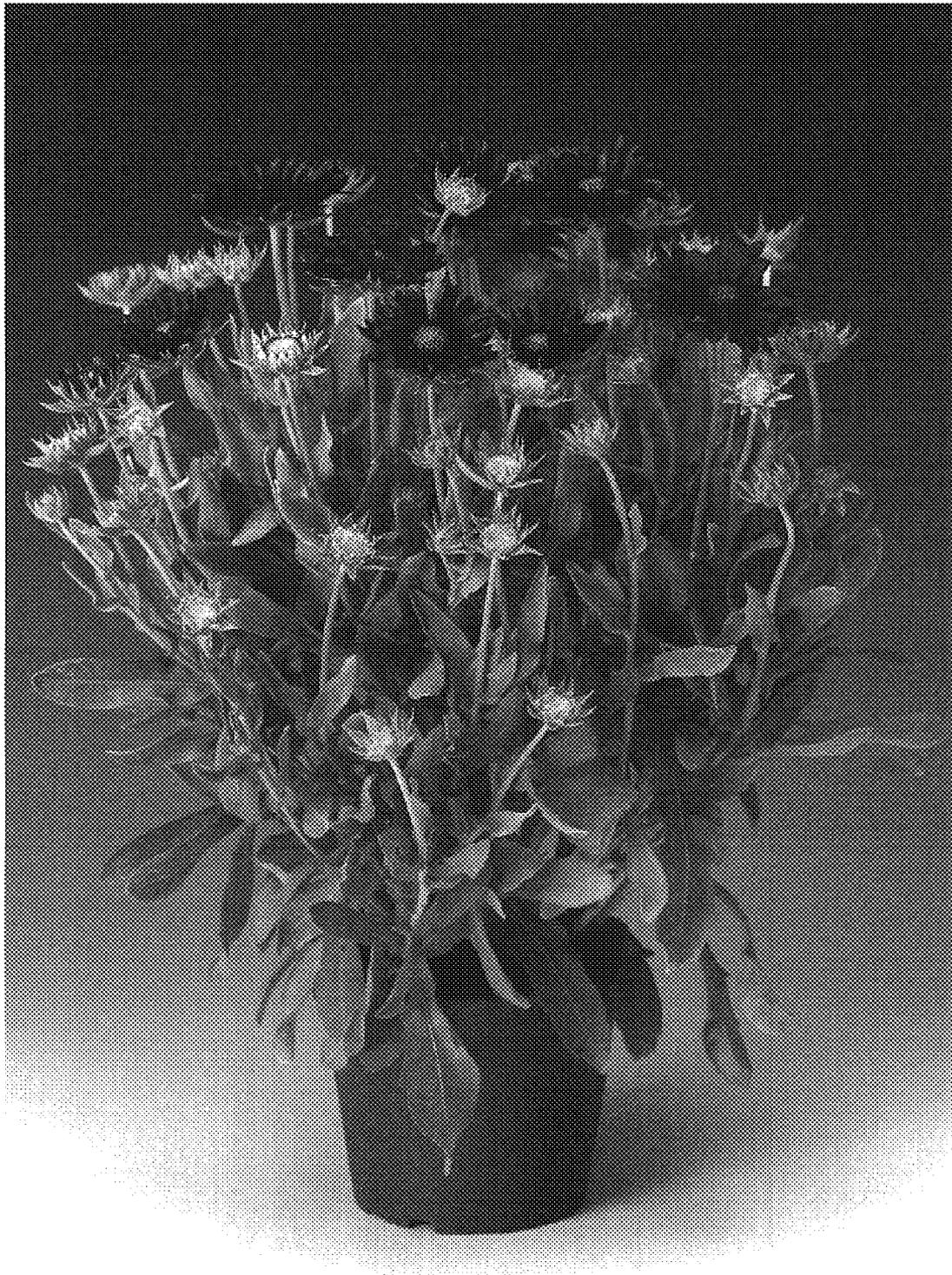
Weather tolerance: Heat tolerant to 40° C.; susceptible to wet conditions.

Seed development: Seed development has not been observed to date.

What is claimed is:

1. A new and distinct cultivar of *Gaillardia* plant named 'Granbur,' as substantially illustrated and described herein.

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UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : PP 19,769 P2
APPLICATION NO. : 11/977142
DATED : February 24, 2009
INVENTOR(S) : Gutter

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

At page 1, column 1, line 9, delete "*Lavandula*" and insert therefor --*Gaillardia*--

At page 1, column 1, line 11, delete "*Lavandula*" and insert therefor --*Gaillardia*--

At page 1, column 1, line 12, delete "blue-purple" and insert therefor --deep red--

At page 1, column 1, line 14, delete "*Lavandula*" and insert therefor --*Gaillardia*--

At page 1, column 1, line 16, delete "*Lavandula angustifolia* 'Hidcote Blue'" and insert therefor --*Gaillardia aristata* 'Burgundy'--

At page 1, column 1, line 17, delete "'D1804.'" and insert therefor --'F3358.'--

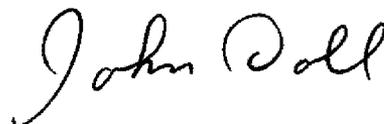
At page 1, column 1, lines 24-25, delete "June 1998" and insert therefor --August 2000--

At page 1, column 1, line 25, delete "July 2000" and insert therefor --July 2002--

At page 1, column 1, line 26, delete "July 2001" and insert therefor --July 2003--

Signed and Sealed this

Seventh Day of April, 2009



JOHN DOLL
Acting Director of the United States Patent and Trademark Office