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**Horvath**

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(54) **GEUM PLANT NAMED ‘DARK AND STORMY’**

(50) Latin Name: ***Geum* hybrid**  
Varietal Denomination: **Dark and Stormy**

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(52) **U.S. Cl.**  
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(58) **Field of Classification Search**  
USPC ..... Plt./263.1  
See application file for complete search history.

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(57) **ABSTRACT**

A new, distinct *Geum* plant as described and illustrated, characterized by ruffled semi double to single orange-red flowers of RHS N30 A that fade to N30 B and C.

**1 Drawing Sheet**

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Latin name: *Geum* hybrid.  
Cultivar name: ‘Dark and Stormy’.

**BACKGROUND OF THE INVENTION**

The present invention relates to a new and distinct hybrid of *Geum* plant named ‘Dark and Stormy’ characterized by ruffled semi double to single orange-red flowers that fade to orange. The new *Geum* was the result of a breeding program in Hebron, Ill. since 2006. The new *Geum* was grown from seed collected on a group of open pollinated plants. The seed was sown in a greenhouse and the new plant was selected as a chance seedling. The selection of the new plant was made in 2010 and was due to its’ ruffled semi double to single orange-red flowers that fade to orange. The initial asexual propagation of the new *Geum* plant was by division and took place at a nursery in Hebron, Ill. since 2011. Continued asexual propagation by division since that time has shown that the unique features of the new *Geum* plant are stable and reproduced true to type in successive generations.

**SUMMARY OF THE INVENTION**

In the following description, color references are made to The Royal Horticultural Society Colour Chart (2001). The new *Geum* plant named ‘Dark and Stormy’ characterized by ruffled semi double to single flowers of orange-red RHS N30 A fading to N30 B and C have been observed to be unique and stable.

Plants of the new, *Geum* can be compared to *Geum* ‘Mai Tai’ U.S. Pat. No. 22,433, patented. 1. The new plant flower color is orange-red RHS N30 A fading to N30 B and C while *Geum* ‘Mai Tai’ has a flower of RHS 53 B fading to 48 C and finally to 36 B and 36 C.

Plants of the new *Geum* can also be compared to *Geum* ‘Sangria’ not patented. 1. The new plant flower color is orange-red RHS N30 A while *Geum* ‘Sangria’ has a flower color of red RHS 45 B. 2. The new plant also has flowers that measure 3 cm wide while *Geum* ‘Sangria’ has flowers that measure 5-6 cm wide.

**DESCRIPTION OF PHOTOGRAPHS**

FIG. 1. Close up of the flower. Showing both the opening color and the fading color.

FIG. 2. Blooming plants in May.

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**DETAILED BOTANICAL DESCRIPTION**

In the following description, color references are made to The Royal Horticultural Society Colour Chart (2001). Plants used for the description were grown in a 3 gallon container for 2 years at a nursery in Hebron, Ill. Measurements and numerical values represent averages of typical plants. Botanical classification: *Geum* hybrid cultivar ‘Dark and Stormy’.

Parentage: Unknown.

Propagation: Vegetative division.

Plant description: Overall habit of the new *Geum* is basal clumps, with upright green flower stems topped by ruffled semi double to single flowers of a orange-red color RHS N30 A fading to N30 B and C.

*Plant height.*—42 cm.

*Plant width.*—40 cm.

*Stem.*—Diameter: 3 mm.

*Stem or basal branches.*—Length up to 42 cm, with the internodes between basal foliage and first leaflet length being 2 cm and the second internodes between the first leaflet and the second leaflet length being 7 cm and the third internodes between the second and third leaflet length being 8 cm.

*Stem coloration.*—Of the whole stem is RHS 145 A.

Foliage description:

*Type.*—Herbaceous.

*Arrangement.*—Basal alternate with typically two or three lateral leaflets per stem.

*Petiole.*—Up to 12 cm long, with a diameter of 2 mm, color is 145 A.

*Terminal leaflet length.*—Typically 15 mm.

*Terminal leaflet width.*—Typically 5 mm.

*Terminal leaflet shape.*—Obovate with incised margins.

*Terminal and lateral leaf apex.*—Acute.

*Terminal and lateral leaf base.*—Cuneate.

*Terminal and lateral leaf margin.*—Incised.

*Texture.*—Terminal and lateral leaf, upper and lower surfaces: pubescent.

*Venation pattern.*—Terminal and lateral leaf, upper and lower surfaces: pinnate.

- Venation color.*—Terminal and lateral leaf, upper surface is color 137 A and lower surface color is 145 C.
- Lateral leaflet number.*—2 or 3 per stem.
- Lateral leaflet length.*—6 cm.
- Lateral leaflet width.*—Up to 2 cm. 5
- Lateral leaflet shape.*—Obovate.
- Adaxial leaf description.*—Color is 137 A.
- Abaxial leaf description.*—Color 146 B.
- Flower description:
- Flower type.*—Corymb. 10
- Adaxial flower color.*—N30 A fading to N30 B and C.
- Abaxial flower color.*—35 A fading to close to 23 C and 24 B.
- Flower size.*—Diameter: 30 mm across, depth 10-15 mm. 15
- Flower number.*—5 per stem, 155-175 per plant.
- Number flowering stems.*—35.
- Bloom period and duration.*—Beginning the first week of May into the first week of June in Hebron, Ill.
- Flower longevity and duration on the plant.*—Approximately 3-4 weeks. 20
- Flower longevity and duration cut.*—Approximately 5-7 days.
- Scent.*—None.
- Petal count.*—12-18. 25
- Petal shape.*—Spathulate.
- Petal arrangement.*—Rotate, overlapping.
- Petal diameter or width.*—12 mm across and petal length — 10 mm long.
- Petal apex.*—Retuse, base: attenuate, margin: entire. 30
- Petal texture.*—Upper and lower surfaces: smooth, glabrous.
- Petal color.*—Upper surface is color N30 A fading to N30 B and C.
- Petal color.*—Lower surface color is close to 35 A 35 fading to close to 23 C and 24 B.
- Petal venation.*—Type — reniform, vein color — upper surface close to N34 A, Lower surface close to N34 B.
- Inflorescence diameter and height.*—10 cm across, 10 cm long.
- Flower buds.*—Diameter: 11 mm across, depth: 10 mm, shape: ovoid, surface: slightly pubescent and color 59A.
- Sepal size.*—Length: up to 11 mm, diameter: 5 mm at base coming to a point.
- Sepal quantity.*—6.
- Sepal shape.*—Lanceolate, apex: acute, base: cuneate, margin: entire.
- Sepal texture.*—Upper and lower surfaces: Pubescent.
- Sepal color.*—Adaxial color 146 B. Abaxial color close to 146 A.
- Peduncle size and color.*—Length: 20 cm, diameter: 2 mm and color 145 A.
- Pedicel size and color.*—Length: 4-8 cm, diameter: 1-2 mm and color 145 B.
- Reproductive organs.*—Stamen — quantity over 100, length 1 cm. Anther — quantity: over 100, length: 1 mm, diameter: close to 0.5 mm. Pollen — typically present, color: 12A. Stigma — none observed. Style — number: over 50, length: 6 mm. Pistil — number: over 50, length: 6+ mm. Ovaries — none observed.
- Fruit.*—None observed.
- Hardiness.*—USDA zone 4-8.
- Disease resistance: Resistance to diseases common to, *Geum* has not been observed on plants grown under nursery conditions.
- I claim:
1. A new, distinct, *Geum* plant as described and illustrated, characterized by ruffled semi double to single orange-red flowers of RHS N30 A that fade to N30 B and C.

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Fig. 1.



Fig. 2.