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(12) **United States Plant Patent**  
**Horvath**(10) **Patent No.:** US PP27,225 P2  
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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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- (\*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 80 days.
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- (51) **Int. Cl.**  
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- (52) **U.S. Cl.**  
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- (58) **Field of Classification Search**  
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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****1**

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.

**2****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.

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



**Fig. 1.**



**Fig. 2.**