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

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(54) **ALLIUM HYBRID PLANT NAMED ‘WINDY CITY’**

(50) Latin Name: *Allium* hybrid  
Varietal Denomination: **Windy City**

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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 *Allium* hybrid plant as shown and described, characterized by dark green foliage in combination with purple-violet flowers, on semi-sterile plants.

**1 Drawing Sheet**

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Latin name: *Allium* hybrid.  
Cultivar name: ‘Windy City’.

**BACKGROUND OF THE INVENTION**

The present invention relates to a new and distinct hybrid of *Allium* hybrid plant named ‘Windy City’ characterized by dark green foliage in combination with purple-violet flowers, on semi-sterile plants. The new *Allium* hybrid was the result of a breeding program taking place in Hebron, Ill. since 2010. ‘Windy City’ arose as a selection from seed sown from open pollination of unnamed plants of *Allium*. The exact parentage of *Allium* hybrid ‘Windy City’ is unknown, however the female or seed parent is believed to be *Allium* hybrid ‘Summer Beauty’, while the male pollen parent is unknown. The selection of the new plant was due to its’ dark green foliage in combination with purple-violet flowers, on semi-sterile plants. Asexual division propagation has been the means of reproduction. The initial cutting and division propagation has taken place at a nursery in Hebron, Ill. in 2011. The new *Allium* has shown to be stable and identical in reproduction to the parent after dividing over 5000 plants from 2011 to 2015.

**SUMMARY OF THE INVENTION**

The new *Allium* hybrid plant named ‘Windy City’ characterized by dark green foliage in combination with purple-violet flowers, on semi-sterile plants, have been observed to be unique and stable.

Plants of the new *Allium* hybrid plant named ‘Windy City’ can be compared to the likely female or seed parent, *Allium* hybrid ‘Summer Beauty’, not patented. 1. The new plant height is typically 40-45 cm tall while *Allium* hybrid ‘Summer Beauty’ is typically 60 cm tall. 2. The new plant also has thinner dark green foliage RHS color 137 A measuring 10 mm wide, while *Allium* hybrid ‘Summer Beauty’, has green foliage RHS 137 C measuring 15 mm wide. 3. The new plant also has darker flowers RHS color N 81 A, while *Allium* ‘Summer Beauty’, has lighter pink flowers, RHS color not measured.

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Plants of the new *Allium* hybrid can also be compared to plants of *Allium* hybrid ‘Millenium’, not patented. 1. The new plant height is typically 40-45 cm tall while *Allium* hybrid ‘Millenium’ is typically 50 cm tall. 2. The new plant also has thinner dark green foliage measuring 10 mm while *Allium* hybrid ‘Millenium’, has wider green foliage measuring 15 mm wide. 3. The new plant also is mostly sterile with very little seed set after flowering, while *Allium* hybrid ‘Millenium’, is fertile with heavy seed set after flowering.

**DESCRIPTION OF PHOTOGRAPHS**

FIG. 1. A blooming plant in July on a 2 year old plant in Hebron, Ill. USA.

FIG. 2. Inflorescences in July on a 2 year old plant in Hebron, Ill. USA.

**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 three gallon container for two years at a nursery in Hebron, Ill. Measurements and numerical values represent averages of typical plants.

Botanical classification: *Allium* hybrid cultivar ‘Windy City’.

Parentage: Unknown.

Propagation: Vegetative division.

Plant description:

*Type*.—Herbaceous perennial. The overall habit of the new *Allium* hybrid is a basal tuft of dark green linear foliage arising from bulbous roots, with terminal purple-violet flower clusters in July, on semi-sterile plants.

*Hardiness*.—USDA zones 3-8.

*Plant height*.—40-45 cm.

*Plant width*.—45 cm.

Stem description:

*Stem shape*.—Round with ridges, solid.

*Stem size*.—Diameter — up to 10 mm at the widest by 5-6 mm at the thinnest.

- Stem length.*—40 cm.  
*Internodes.*—None.  
*Stem coloration.*—Stem color 139 A.  
*Stem texture.*—Ridged, smooth, glabrous.  
*Roots.*—Fibrous below the bulb, color 155 C. 5  
*Bulb.*—Size — 12-15 mm wide at the base, 7 mm wide  
 at the top where the foliage begins, 25 mm in length,  
 color: ranges from 155 C to 145 B.  
 Foliage description: 10  
*Shape.*—Linear.  
*Arrangement.*—Basal, alternate.  
*Leaf blade size.*—Length: up to 30 cm, Width: 6 mm.  
*Margins.*—Entire.  
*Petiole.*—None. 15  
*Leaf apex.*—Acute.  
*Leaf base.*—Attenuate.  
*Leaf quantity.*—An average of 6 per stem.  
*Texture.*—Upper and lower surfaces: smooth, glabrous.  
*Adaxial and abaxial leaf color description.*—137 A. 20  
*Venation pattern.*—Parallel.  
*Venation color.*—Upper 137 A, lower 137 A.  
 Flower description:  
*Inflorescence type.*—Umbel, round, held on a leafless 25  
 stalk.  
*Umbel size.*—Length: 4-4.5 cm tall, width: 5 cm.  
*Peduncle size and color.*—Length: 15 cm, diameter: 2  
 mm, color — 139 A.  
*Peduncle texture.*—Smooth, glabrous.  
*Pedicle size and color.*—Length: 15 mm, diameter: less 30  
 than 1 mm, color — 137 A.  
*Flower bud.*—Size: length: 23 mm, diameter: 40-45  
 mm.  
*Flower bud surface.*—Smooth, glabrous.  
*Flower bud shape.*—Ovoid, tubular, constricted at the 35  
 base.  
*Flower bud color.*—Between N 81 B and C.  
*Corolla description.*—3 petals unfused, constricted at  
 the base.  
*Petal apex.*—Entire, acute. 40  
*Petal base.*—Unfused.  
*Petal margin.*—Entire.  
*Petal texture.*—Outer surface: smooth, inside surface:  
 smooth.  
*Petal color.*—Outer surface — is color N81 A, inside 45  
 surface — color is N81 B.  
*Calyx shape.*—Stellate.

- Calyx size.*—Length: 5 mm, Width: 2 mm.  
*Calyx color.*—N 81 A.  
*Sepal quantity and arrangement.*—3, unfused.  
*Sepal size.*—Length: 5 mm, diameter: 2 mm at base  
 coming to a point.  
*Sepal shape.*—Lanceolate, apex: acute, base: cuneate,  
 margin: entire.  
*Sepal texture.*—Upper and lower surfaces: smooth,  
 glabrous.  
*Sepal color.*—Adaxial color N81 A, Abaxial color N81  
 A.  
*Flower type and shape.*—Bowl, comprised of 3 sepals  
 and 3 petals.  
*Flower color.*—N81 A outside, N81 A inside.  
*Flower size.*—Length: 10 mm, width: 10 mm.  
*Flower number.*—125 per umbel, 5000 per plant with  
 up to 50 flowering stems.  
*Bloom period and duration.*—3-4 weeks the beginning  
 of July in Hebron, Ill.  
*Flower longevity and duration on the plant.*—Approximately 3 weeks.  
*Flower longevity and duration cut.*—Not measured.  
*Scent.*—None.  
 Reproductive organs:  
*Stamen.*—Quantity: 6, length: 8 mm, diameter: 1 mm at  
 the base getting thinner toward the tip.  
*Anther.*—Quantity: 6, length: 2 mm, diameter: 1 mm.  
*Anther shape.*—Oval, color not measured.  
*Filament.*—Cream colored at tip near anther, pink at  
 the base.  
*Pollen.*—Sparse, color: creamy yellow, RHS color not  
 measured.  
*Pistil.*—Number: 1, length: 9 mm, width: 3 mm,  
 color — between N81 C and D.  
*Stigma shape.*—Conical, color — N81 A.  
*Style.*—Number: 1, length: 9 mm, width 3 mm.  
*Ovaries.*—Made of 3 carpels, length: 3 mm, width: 3  
 mm.  
*Fruit.*—Capsule more or less round, 2-3 mm long, 2-3  
 mm wide, glabrous, color black 202 A.  
 40 Disease resistance: Resistance to diseases common to *Allium*  
 has not been observed on plants grown under nursery  
 conditions.  
 I claim:  
 1. A new, distinct *Allium* hybrid plant as shown and  
 described, characterized by dark green foliage in combina-  
 tion with purple-violet flowers, on semi-sterile plants.

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Fig. 1.



Fig. 2.