# APPLICATIONS UNDER EXAMINATION

**HIBISCUS** 

HIBISCUS (Hibiscus)

Proposed denomination: 'Cranberry Crush'

**Application number:** 09-6748 **Application date:** 2009/10/23

**Applicant:** Walters Gardens, Inc., Zeeland, Michigan, United States of America

**Agent in Canada:** Variety Rights Management, Oxford Station, Ontario

Breeder: Clarence H. Falstad, Walters Gardens Inc., Holland, Michigan, United States of America

Varieties used for comparison: 'Fireball' and 'Sultry Kiss'

**Summary:** The plants of 'Cranberry Crush' are shorter than the plants of the reference varieties. The upper third of the stem is a lighter purple red colour than the stems of the reference varieties. The upper side of the leaf blade of 'Cranberry Crush' is medium green with tinges of purple while the leaf blade of 'Fireball' is purple and the leaf blade of 'Sultry Kiss' is dark green. The flower of 'Cranberry Crush' is smaller in diameter than the flowers of the reference varieties. The upper and lower side of the petal is dark purple red for 'Cranberry Crush' while it is red for 'Fireball' and red to dark pink red for 'Sultry Kiss'.

## **Description:**

PLANT: bushy growth habit, medium to dense branching, upright branch attitude, stems purple red on upper third

LEAF BLADE: upper side medium green with tinges of purple, no variegation, palmate, base rounded to truncate, apex acute, medium lobing, moderate undulation of margin, shallow dentate incisions on margin

FLOWER: single, main colour dark red, medium sized eye zone, eye zone dark purple red (RHS 46A), strong overlapping of petals, mid to late season flowering

PETAL: one colour, upper and lower side dark purple red (RHS N34A), absent or very weak serrations on margin, weak undulation of margin, no fading of colour

STAMINAL COLUMN: main colour pink to red, base colour identical to main colour

STIGMA PAD: medium red.

**Origin and Breeding:** The variety 'Cranberry Crush' originated from a cross between two proprietary seedlings, made at Walters Gardens Inc., Zeeland, Michigan, USA, in August 2006. The variety was selected in August 2007 from the progeny of this cross based on criteria for flower colour and length of flowering period.

**Tests and Trials:** Trials for 'Cranberry Crush' were conducted at Variety Rights Management in Oxford Station, Ontario during the summer of 2010. 26 plants of the candidate variety, 20 plants of the reference 'Fireball' and 19 plants of the reference 'Sultry Kiss' were grown in 23 cm pots in an outdoor trial. Plants were spaced approximately 60 cm apart. Colour determinations were made using the 2001 Royal Horticultural Society (RHS) Colour Chart.

Comparison table for 'Cranberry Crush'

Companicon table for	Cranbony Craon		
•	'Cranberry Crush'	'Fireball'*	'Sultry Kiss'*
Plant height (cm)			
mean	61.57	82.71	93.29
std. deviation	7.83	8.30	14.42
Flower diameter (cm)			
mean	13.73	16.26	17.54
std. deviation	0.70	0.70	0.69



Colour of petal (RHS) upper side lower side 47B/C 47B/C 42A N34A N34A 42A

\*reference varieties



Hibiscus: 'Cranberry Crush' (left) with reference variety 'Sultry Kiss' (right)



Hibiscus: 'Cranberry Crush' (left) with reference variety 'Fireball' (right)

Proposed denomination: 'Jazzberry Jam'

**Application number:** 07-6129 **Application date:** 2007/12/27

Applicant: Walters Gardens, Inc., Zeeland, Michigan, United States of America

**Agent in Canada:** Variety Rights Management, Oxford Station, Ontario

Breeder: Clarence H. Falstad, Walters Gardens Inc., Holland, Michigan, United States of America

Variety used for comparison: 'Fantasia'

**Summary:** The upper third of the stem is green and red for 'Jazzberry Jam' while it is red for 'Fantasia'. The leaf blade of 'Jazzberry Jam' has weak to medium lobing while the leaf blade of 'Fantasia' has medium to strong lobing. The main colour on the upper side of the petal is blue pink for 'Jazzberry Jam' while it is a lighter blue pink for 'Fantasia'. The stigma pad is dark red for 'Jazzberry Jam' while it is medium red for 'Fantasia'.

#### **Description:**

PLANT: bushy growth habit, sparse to medium branching, upright branch attitude, green and red on upper third

LEAF BLADE: upper side medium green, no variegation, palmate, base rounded to truncate, apex acute, weak to medium lobing, moderate undulation of margin, shallow dentate incisions on margin

FLOWER: single, main colour pink to light red, small to medium sized eye zone, eye zone purple red (RHS N66A-B), very strong overlapping of petals, mid to late season flowering

PETAL: one colour, upper side blue pink (RHS 64C/D), lower side blue pink (RHS 64D), absent or very weak serrations on margin, medium to strong undulation, no fading of colour

STAMINAL COLUMN: main colour pink, base colour identical to main colour

STIGMA PAD: dark red.

**Origin and Breeding:** The variety 'Jazzberry Jam' originated from a cross between 04-24-01 and the variety 'Plum Krazy', made at Walters Gardens Inc. in Zeeland, Michigan, USA. The cross was made in the summer of 2005 and the seedling selection was made in the summer of 2006.

**Tests and Trials:** Trials for 'Jazzberry Jam' were conducted at Variety Rights Management in Oxford Station, Ontario during the summer of 2010. 17 plants of the candidate variety and 20 plants of the reference were grown in 23 cm pots in an outdoor trial. Plants were spaced approximately 60 cm apart. Colour determinations were made using the 2001 Royal Horticultural Society (RHS) Colour Chart.

Comparison table for 'Jazzberry Jam'

	'Jazzberry Jam'	'Fantasia'*
Colour of petal (I	RHS)	
upper side	64C/D	N66D
lower side	64D	N66D (lighter than)
*reference variet	V	,



Hibiscus: 'Jazzberry Jam' (left) with reference variety 'Fantasia' (right)

Proposed denomination: 'Party Favor'
Application number: 09-6749
Application date: 2009/10/23

Applicant: Walters Gardens, Inc., Zeeland, Michigan, United States of America

**Agent in Canada:** Variety Rights Management, Oxford Station, Ontario

**Breeder:** Kevin A. Hurd, Walters Gardens Inc., Caledonia, Michigan, United States of America

Varieties used for comparison: 'Fantasia' and 'Pink Elephant'

Summary: The leaf blade of 'Party Favor' is wider than the leaf blade of the reference varieties. The upper side of the leaf blade of 'Party Favor' is medium to dark green with reddish-brown tones while the leaf blade of 'Fantasia' is medium green and the leaf blade of 'Pink Elephant' is dark green. The leaf blade of 'Party Favor' is palmate with a strong degree of lobing while the leaf blade of 'Pink Elephant' is ovate in shape with weak lobing. The flower of 'Party Favor' is larger in diameter than the flowers of the reference varieties. The upper and lower side of the petal is violet for 'Party Favor' while it is blue pink for the reference varieties. The staminal column is white for 'Party Favor' while it is pink for 'Fantasia'. The stigma is yellow-white for 'Party Favor' while it is medium red for 'Fantasia'.

## **Description:**

PLANT: bushy growth habit, medium to dense branching, upright branch attitude, stems red on upper third

LEAF BLADE: upper side medium to dark green with tinges of reddish-brown, no variegation, palmate, base rounded to truncate, apex acute, strong lobing, moderate undulation of margin, shallow dentate incisions on margin

FLOWER: single, main colour pink, medium sized eye zone, eye zone purple red (RHS N66A/B), very strong overlapping of petals, mid to late season flowering

PETAL: two colours, upper side violet (RHS 75B/C), light blue pink (RHS 73D) secondary colour, secondary colour in blotched pattern, absent or very weak serrations on margin, medium to strong undulation of margin, no fading of colour STAMINAL COLUMN: main colour white, base colour identical to main colour STIGMA PAD: yellow-white.

**Origin and Breeding:** The variety 'Party Favor' originated from a cross between 'Fantasia' and 'Fireball', made at Walters Gardens Inc., Zeeland, Michigan, USA, in August 2006. The variety was selected in August 2007 from the progeny of this cross based on criteria for flower colour and length of flowering period.

**Tests and Trials:** Trials for 'Party Favor' were conducted at Variety Rights Management in Oxford Station, Ontario during the summer of 2010. 16 plants of the candidate variety, 20 plants of the reference 'Fantasia' and 18 plants of the reference 'Pink Elephant' were grown in 23 cm pots in an outdoor trial. Plants were spaced approximately 60 cm apart. Colour determinations were made using the 2001 Royal Horticultural Society (RHS) Colour Chart.

Comparison table for 'Party Favor'

	'Party Favor'	'Fantasia'*	'Pink Elephant'*
Leaf blade width (cm)			
mean	9.65	6.04	6.63
std. deviation	1.54	0.53	0.49
Flower diameter (cm)			
mean	15.49	13.30	13.94
std. deviation	0.52	0.77	0.34
Colour of petal (RHS)			
upper side `	75B/C	N66D	N66D
lower side	75C	N66D (lighter than)	N66D
*reference varieties			



Hibiscus: 'Party Favor' (left) with reference variety 'Fantasia' (right)



Hibiscus: Reference variety 'Pink Elephant'

Proposed denomination: 'Sultry Kiss' Application number: 09-6750 Application date: 2009/10/23

Applicant: Walters Gardens, Inc., Zeeland, Michigan, United States of America

Agent in Canada: Variety Rights Management, Oxford Station, Ontario

Breeder: Kevin A. Hurd, Walters Gardens Inc., Caledonia, Michigan, United States of America

Varieties used for comparison: 'Fireball' and 'Cranberry Crush'

Summary: The plants of 'Sultry Kiss' are taller than the plants of 'Cranberry Crush'. The stems of 'Sultry Kiss' are a darker purple colour than the stems of 'Cranberry Crush'. The upper side of the leaf blade of 'Sultry Kiss' is dark green in colour while the upper side of the leaf blade of 'Fireball' is purple and the leaf blade of 'Cranberry Crush' is medium green with tinges of purple. The flowers of 'Sultry Kiss' are larger in diameter than the flowers of 'Cranberry Crush'. The upper side of the petal of 'Sultry Kiss' is red to dark pink red while the petals of 'Fireball' are red and the petals of 'Cranberry Crush' are dark purple red. 'Sultry Kiss' flowers early to mid-season while the reference varieties flower mid to late season.

## **Description:**

PLANT: bushy growth habit, sparse to medium branching, upright branch attitude, stems dark purple on upper third

LEAF BLADE: upper side dark green, no variegation, palmate, base rounded to truncate, apex acute, strong lobing, moderate undulation of margin, shallow dentate incisions on margin

FLOWER: single, main colour medium red, medium sized eye zone, eye zone dark purple red (RHS 46A), strong overlapping of petals, early to mid season flowering

PETAL: one colour, upper and lower side red to dark pink red (RHS 47B/C), absent or very weak serrations on margin, weak undulation of margin, no fading of colour

STAMINAL COLUMN: main colour red, base colour identical to main colour

STIGMA PAD: medium red.

**Origin and Breeding:** The variety 'Sultry Kiss' originated from a cross between 'Fantasia' and 'Fireball', made at Walters Gardens Inc., Zeeland, Michigan, USA, in August 2006. The variety was selected in August 2007 from the progeny of this cross based on criteria for flower colour and length of flowering period.

**Tests and Trials:** Trials for 'Sultry Kiss' were conducted at Variety Rights Management in Oxford Station, Ontario during the summer of 2010. 19 plants of the candidate variety, 20 plants of the reference 'Fireball' and 26 plants of the reference 'Cranberry Crush' were grown in 23 cm pots in an outdoor trial. Plants were spaced approximately 60 cm apart. Colour determinations were made using the 2001 Royal Horticultural Society (RHS) Colour Chart.

Comparison table for 'Sultry Kiss'

	'Sultry Kiss'	'Fireball'*	'Cranberry Crush'*
Plant height (cm)			
mean	93.29	82.71	61.57
std. deviation	14.42	8.30	7.83
Flower diameter (cm)			
mean	17.54	16.26	13.73
std. deviation	0.69	0.70	0.70
Colour of petal (RHS)			
upper side ` ´	47B/C	42A	N34A
lower side	47B/C	42A	N34A



Hibiscus: 'Sultry Kiss' (left) with reference variety 'Fireball' (right)



Hibiscus: 'Sultry Kiss' (right) with reference variety 'Cranberry Crush' (left)

Proposed denomination: 'Summer Storm'

**Application number:** 07-6130 **Application date:** 2007/12/27

**Applicant:** Walters Gardens, Inc., Zeeland, Michigan, United States of America

**Agent in Canada:** Variety Rights Management, Oxford Station, Ontario

Breeder: Clarence H. Falstad, Walters Gardens Inc., Holland, Michigan, United States of America

Variety used for comparison: 'Kopper King'

Summary: The plants of 'Summer Storm' have medium to dense branching while the plants of 'Kopper King' have sparse to medium branching. The branches of 'Summer Storm' are a darker purple red colour than the branches of 'Kopper King'. The upper side of the leaf blade is dark purple red for 'Summer Storm' while it is brown red for 'Kopper King'. The leaves of 'Summer Storm' have strong lobing while the leaves of 'Kopper King' have medium lobing. The flowers of 'Summer Storm' have a medium to large eye zone while the flowers of 'Kopper King' have a small to medium sized eye zone. The upper side of the petal is blue pink to light blue pink for 'Summer Storm' while the petal of 'Kopper King' is light blue pink and white. The lower side of the petal is light blue pink for 'Summer Storm' while it is white for 'Kopper King'.

#### **Description:**

PLANT: bushy growth habit, medium to dense branching, upright branch attitude, stems purple red on upper third

LEAF BLADE: upper side dark purple-red, no variegation, palmate, 3-5 lobes, base rounded to truncate, apex acute, strong lobing, moderate undulation of margin, shallow to medium depth dentate incisions on margin

FLOWER: single, main colour pink, medium to large eye zone, eye zone purple red (RHS N66A-B) to purple (RHS 61A), strong overlapping of petals, mid to late season flowering

PETAL: two colours, upper side blue pink to light blue pink (RHS 6A/B) with light blue pink (RHS 65D) secondary colour at margin, lower side light blue pink (RHS 65D), absent or very weak serrations on margin, weak undulation, fading of colour present

STAMINAL COLUMN: main colour white, base colour identical to main colour STIGMA PAD: yellow-white.

**Origin and Breeding:** The variety 'Summer Storm' originated from a cross between 'Kopper King' and 'Fireball', made at Walters Gardens Inc. in Zeeland, Michigan, USA, in the summer of 2004. The variety was selected from the progeny of the cross in the summer of 2005.

**Tests and Trials:** Trials for 'Summer Storm' were conducted at Variety Rights Management in Oxford Station, Ontario during the summer of 2010. 26 plants of both varieties were grown in 23 cm pots in an outdoor trial. Plants were spaced approximately 60 cm apart. Colour determinations were made using the 2001 Royal Horticultural Society (RHS) Colour Chart.

Comparison table for 'Summer Storm'

	'Summer Storm'	'Kopper King'*
Colour of petal (RHS) upper side - main upper side - secondary	65A/B 65D	65D/N155B N155B
*reference variety		



Hibiscus: 'Summer Storm' (left) with reference variety 'Kopper King' (right)