



APPLICATIONS UNDER EXAMINATION

FUCHSIA

FUCHSIA
(Fuchsia)

Proposed denomination: 'Sanifhoho'
Trade name: Angel Earrings White
Application number: 08-6222
Application date: 2008/03/07
Applicant: Suntory Flowers Limited and Nishinomiya-city, Japan
Agent in Canada: BioFlora Inc., St. Thomas, Ontario
Breeder: Mito Ikeda, Hyogo, Japan
 Funakoshi, Hidefumi, Hyogo, Japan
 Yasuo Kishimoto, Hyogo, Japan
 Yasuyuki Murakami, Shiga, Japan

Variety used for comparison: 'Diva White / White'

Summary: *The upper side of the leaf blade is dark green for 'Sanifhoho' while it is light to medium green for 'Diva White / White'. 'Sanifhoho' has a shorter sepal than 'Diva White / White'. The inner side of the sepal is white flushed with light blue pink for 'Sanifhoho' while it is white for 'Diva White / White'.*

Description:

PLANT: narrow upright to bushy rounded growth habit, weak anthocyanin colouration in stem

LEAF BLADE: upper side dark green, no blistering, very shallow margin dentation

FLOWER: single type

OVARY: no anthocyanin colouration

HYPANTHIUM: cylindrical, light green (RHS 145C-D)

SEPAL: equal to or longer than petals, horizontal attitude, reflexing apex, outer side white with light green (RHS 145B) at tip, inner side white flushed with light blue pink (RHS 56C) and light green (RHS 145B) at tip

PETAL: outer and inner side white

STYLE: white

FILAMENT: light pink

Origin and Breeding: 'Sanifhoho' originated from a cross made in 2003 at Nishinomiya, Hyogo, Japan. The female parent was the proprietary line auf2 and the male parent was the proprietary line ark-6. Seedlings obtained from the cross were grown in pots in the glasshouse and evaluated. In 2005 some seedlings were selected based on flower colour, growth habit and heat tolerance. The selected plants were propagated by cuttings and grown in a pot trial. 'Sanifhoho' was selected in 2006 from this trial.

Tests and Trials: Trials for 'Sanifhoho' were conducted during the summer of 2009 in a polyhouse at BioFlora Inc. in St. Thomas, Ontario. There were 15 plants each of the candidate and reference varieties. The plants were grown from rooted cuttings which were transplanted to 15 cm pots on May 1, 2009. Observations and measurements were taken from 10 plants on June 30, 2009. All colour determinations were made using the 2007 Royal Horticulture Society (RHS) Colour Chart.

Comparison table for 'Sanifhoho'

	'Sanifhoho'	'Diva White / White'*
<i>Sepal length (cm)</i>		
mean	2.8	3.6
std. deviation	0.16	0.16

Colour of sepal (RHS)

outer side
inner side

NN155B with 145B at tip
NN155A flushed with 56C, 145B at tip

NN155B with 145D at tip
NN155B with 145D at tip

*reference variety



Fuchsia: 'Sanifhoho' (left) with reference variety 'Diva White / White' (right)



Fuchsia: 'Sanifhoho' (left) with reference variety 'Diva White / White' (right)

Proposed denomination: ‘Sanifpirave’
Trade name: Angel Earrings Mauve
Application number: 08-6221
Application date: 2008/03/07
Applicant: Suntory Flowers Limited and Nishinomiya-city, Japan
Agent in Canada: BioFlora Inc., St. Thomas, Ontario
Breeder: Mito Ikeda, Hyogo, Japan
 Funakoshi, Hidefumi, Hyogo, Japan
 Yasuo Kishimoto, Hyogo, Japan
 Yasuyuki Murakami, Shiga, Japan

Variety used for comparison: ‘Diva White / Lilac’

Summary: ‘Sanifpirave’ has medium to strong anthocyanin colouration in the stem while ‘Diva White / Lilac’ has weak anthocyanin. ‘Sanifpirave’ has a shorter leaf blade and shorter petiole than ‘Diva White / Lilac’. ‘Sanifpirave’ has a light pink style while ‘Diva White / Lilac’ has a white style. ‘Sanifpirave’ has a shorter sepal than ‘Diva White / Lilac’. ‘Sanifpirave’ has a semi-erect to horizontal sepal attitude while ‘Diva White / Lilac’ has a semi-drooping sepal attitude. The outer side of the petal is violet to light blue violet for ‘Sanifpirave’ while it is violet for ‘Diva White / Lilac’. The inner side of the petal is light blue violet for ‘Sanifpirave’ while it is violet with a purple mid vein for ‘Diva White / Lilac’.

Description:

PLANT: bushy rounded growth habit, medium to strong anthocyanin colouration in stem

LEAF BLADE: upper side dark green, no blistering, very shallow margin dentation

FLOWER: single type

OVARY: no anthocyanin colouration

HYPANTHIUM: globose, orange pink (RHS 27C)

SEPAL: longer than petals, semi-erect to horizontal attitude, straight apex, outer side light blue pink (RHS 56D) with tones of darker light blue pink (RHS 55D), inner side purple red to light blue pink (RHS 55B-C) with yellow green tip

PETAL: outer side violet to light blue violet (RHS 84B-C), inner side light blue violet (RHS 84C)

STYLE: light pink

FILAMENT: dark pink

Origin and Breeding: ‘Sanifpirave’ originated from a cross made in 2003 at Nishinomiya, Hyogo, Japan. The female parent was the proprietary line ajf-52 and the male parent was the proprietary line ard-2. Seedlings obtained from the cross were grown in pots in the glasshouse and evaluated. In 2004 some seedlings were selected based on flower colour, growth habit and heat tolerance. The selected plants were propagated by cuttings and grown in a pot trial. ‘Sanifpirave’ was selected in 2005 from this trial.

Tests and Trials: Trials for ‘Sanifpirave’ were conducted during the summer of 2009 in a polyhouse at BioFlora Inc. in St. Thomas, Ontario. There were 15 plants each of the candidate and reference varieties. The plants were grown from rooted cuttings which were transplanted to 15 cm pots on May 1, 2009. Observations and measurements were taken from 10 plants on June 30, 2009. All colour determinations were made using the 2007 Royal Horticulture Society (RHS) Colour Chart.

Comparison table for ‘Sanifpirave’

	‘Sanifpirave’	‘Diva White / Lilac’*
<i>Leaf blade length (cm)</i>		
mean	3.8	4.3
std. deviation	0.26	0.23
<i>Petiole length (cm)</i>		
mean	0.4	1.0
std. deviation	0.06	0.17
<i>Sepal length (cm)</i>		
mean	2.6	3.1
std. deviation	0.12	0.21

Colour of petal (RHS)

outer side	84B-C	N87A
inner side	84C	N87A with N74B mid-veins

*reference variety



Fuchsia: 'Sanifpirave' (left) with reference variety 'Diva White / Lilac' (right)



Fuchsia: 'Sanifpirave' (left) with reference variety 'Diva White / Lilac' (right)



Fuchsia: 'Sanifpirave' (left) with reference variety 'Diva White / Lilac' (right)

Proposed denomination: 'Sanifreho'
Trade name: Angel Earrings Double Red
Application number: 08-6220
Application date: 2008/03/07
Applicant: Suntory Flowers Limited and Nishinomiya-city, Japan
Agent in Canada: BioFlora Inc., St. Thomas, Ontario
Breeder: Mito Ikeda, Hyogo, Japan
 Funakoshi, Hidefumi, Hyogo, Japan
 Yasuyuki Murakami, Shiga, Japan
 Yasuo Kishimoto, Hyogo, Japan

Variety used for comparison: 'General Monk Red / White'

Summary: 'Sanifreho' has a longer and wider leaf blade than 'General Monk Red / White'. The undulation of the leaf blade margin of 'Sanifreho' ranges from weak to medium while 'General Monk Red / White' has absent to very weak undulation. 'Sanifreho' has no anthocyanin colouration on the ovary while 'General Monk Red / White' has medium anthocyanin. 'Sanifreho' has an ovoid bud shape while 'General Monk Red / White' has a globose bud shape. 'Sanifreho' has a higher number of petals than 'General Monk Red / White'.

Description:

PLANT: bushy/spreading growth habit, medium anthocyanin colouration in stem

LEAF BLADE: upper side medium green, no blistering, very shallow margin dentation, margin undulation ranging from weak to medium

FLOWER: double type

BUD: ovoid

OVARY: no anthocyanin colouration

HYPANTHIUM: cylindrical, dark pink red (RHS 52A)

SEPAL: equal to and longer than petals, semi-erect to horizontal attitude, reflexed apex, outer side red (RHS 50A) along margin and base with dense red pink (RHS 52B) flecks, inner side dark pink red (RHS 52A-B)

PETAL: outer side white with purple red (RHS N57B) vein, inner side white with purple red (RHS 55A) vein

STYLE: dark pink

FILAMENT: dark pink

Origin and Breeding: 'Sanifreho' originated from a cross made in 2002 at Nishinomiya, Hyogo, Japan. The female parent was the proprietary line aq-1 and the male parent was the proprietary line aez-42. Seedlings obtained from the cross were grown in pots in the glasshouse and evaluated. In 2003 some seedlings were selected based on flower colour, growth habit and heat tolerance. The selected plants were propagated by cuttings and grown in a pot trial. 'Sanifreho' was selected in 2005 from this trial.

Tests and Trials: Trials for 'Sanifreho' were conducted during the summer of 2009 in a polyhouse at BioFlora Inc. in St. Thomas, Ontario. There were 15 plants each of the candidate and reference varieties. The plants were grown from rooted cuttings which were transplanted to 15 cm pots on May 1, 2009. Observations and measurements were taken from 10 plants on June 30, 2009. All colour determinations were made using the 2007 Royal Horticulture Society (RHS) Colour Chart.

Comparison table for 'Sanifreho'

	'Sanifreho'	'General Monk Red / White'*
<i>Leaf blade length (cm)</i>		
mean	5.1	4.2
std. deviation	0.31	0.26
<i>Leaf blade width (cm)</i>		
mean	2.3	1.9
std. deviation	0.24	0.12

<i>Petal number</i>		
mean	23.7	12.6
std. deviation	5.10	1.65

*reference variety



Fuchsia: 'Sanifreho' (left) with reference variety 'General Monk Red / White' (right)



Fuchsia: 'Sanifreho' (left) with reference variety 'General Monk Red / White' (right)



Fuchsia: 'Sanifreho' (left) with reference variety 'General Monk Red / White' (right)