

[54] GERANIUM PLANT NAMED FISGLO

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[57] ABSTRACT

A new and distinct cultivar of Geranium plant named
Fisglo, particularly characterized by the combined fea-
tures of bright orange semi-double flowers, without
burning of petals in the sun, early flowering, compact
habit and medium green foliage.

1 Drawing Sheet

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The present invention comprises a new and distinct
cultivar of Geranium, botanically known as Pelargo-
nium zonale, and hereinafter referred to by the cultivar
name Fisglo.

Fisglo is a product of a planned breeding program
which had the objective of creating new geranium culti-
vars with orange-red semi-double flowers, good
branching, better chlorophyll quality for better trans-
portation, better temperature tolerance, and fast root-
ing.

Fisglo was originated from a hybridization made by
the inventor in a controlled breeding program in Gal-
dar, Gran Canaria, Spain, in 1983.

The female parent was an inbred line of the cultivar
Achspen, characterized by its early flowering, fast root-
ing and very good branching. The male parent of Fisglo
was the cultivar Silvia Maria, characterized by its
orange semi-double flowers, tall habit, and inferior root-
ing habit.

Fisglo was discovered and selected as one flowering
plant within the progeny of the stated cross by Ingeborg
Schumann in May 1984 in a controlled environment in
Galdar, Gran Canaria, Spain.

The first act of asexual reproduction of Fisglo was
accomplished when vegetative cuttings were taken
from the initial selection in February 1985 in a con-
trolled environment in Hillscheid, Federal Republic of
Germany by, or under the supervision of, Ingeborg
Schumann.

Horticultural examination of selected units initiated
in Spring 1985 and continuing thereafter has demon-
strated that the combination of characteristics as herein
disclosed for Fisglo are firmly fixed and are retained
through successive generations of asexual reproduction.

Fisglo has not been observed under all possible envi-
ronmental conditions. The phenotype may vary signifi-
cantly with variations in environment such as tempera-
ture, light intensity and daylength.

The following observations, measurements and com-
parisons describe plants grown in Hillscheid, Federal
Republic of Germany, under greenhouse and outdoor
conditions which approximate those generally used in
commercial practice.

The following traits have been repeatedly observed
and are determined to be basic characteristics of Fisglo,
which, in combination, distinguish this Geranium as a
new and distinct cultivar:

- 1. Orange-red flowers.

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- 2. Semi-double flower form.
3. Medium zonation.
4. Early flowering.
5. Fast rooting.
6. Good branching.
7. Temperature tolerance.
8. Good chlorophyll for better transportation.

Of the many commercial cultivars known to the pres-
ent inventor, the most similar in comparison to Fisglo is
the cultivar Casino, disclosed in U.S. Plant Pat. No.
5,938. Reference is made to attached Chart A which
compares certain characteristics of Fisglo to those same
characteristics of Casino. In general comparison to
Casino, Fisglo has, among other things, better branch-
ing, faster rooting, a lighter, less reddish shade of
orange color, and a more compact habit.

The accompanying color photographic drawing
shows typical flower and foliage characteristics of Fis-
glo, with the colors being as true as possible with illus-
trations of this type.

In the following description color references are
made to The Royal Horticultural Society Colour Chart.
The color values were determined between 2:00 p.m.
and 3:00 p.m. indoors on May 13, 1988 under 45,000
Lux light intensity at Hillscheid, Federal Republic of
Germany.

Classification:

Botanical.—A hybrid of the genus Pelargonium
zonale l'hert. cv Fisglo.
Commercial.—Zonal geranium.

INFLORESCENCE

- A. Umbel:
Average diameter.—Indoor, 9.2 cm; outdoor, 8.9
cm.
Average depth.—Indoor, 4.5 cm; outdoor, 4.6 cm.
Peduncle length.—Indoor, 13.5 cm; outdoor, 11.0
cm.
Pedicel length.—Indoor, 2.4 cm; outdoor, 2.3 cm.
B. Corolla:
Average diameter.—Indoor, 4.3 cm; outdoor, 4.3
cm.
Form.—Semi-double.
Color (general tonality from a distance of three me-
ters).—Orange-red, 41B; color fades to pink
when flowers wilt.

- Color (main body, upper surface).*—Between 41A and 43B.  
*Color (near margin).*—RHS 43C.  
*Lower side of petal.*—More reddish, 47C.
- C. Bud:  
*Shape.*—Elliptic.  
*Color.*—Light green.  
*Sepals and pedicel.*—Light green.
- D. Reproductive organs:  
*Androecium.*—6–8 anthers.  
*Gynoecium.*—5 lobed stigma.
- E. Spring flowering response period: In Hillscheid, Federal Republic of Germany in 1988, 80% of plants with at least 1 flower opened 11 weeks after planting of unrooted cuttings in February.
- F. Outdoor flower production: The flower count in 1988 in Hillscheid, Federal Republic of Germany indicated between 42 and 48 flowers per plant for June through October observation period.
- G. Durability: Medium weather resistance.

PLANT

- A. Foliage:  
*Form.*—Kidney shaped.  
*Margin.*—Bicrenate.  
*Color.*—Medium green.  
*Zonation.*—Weak, brown zonation.

- Tolerance to botrytis.*—Medium to good.
- B. General appearance and form:  
*Internode length.*—Medium to short.  
*Branching pattern.*—5.6 branches per plant 13 weeks of growing time from unrooted cuttings.  
*Height.*—25 cm on average.

CHART A

		COMPARISON OF FISGLO AND CASINO	
		FISGLO	CASINO
	Chlorophyll quality	good	medium
	Flower color	orange	orange-red
	Color of lower side	lighter orange with white spots	light rose, almost white
15	Durability, shatter resistance	very good	good
	Pedicels	light green	green with anthocyan
	Peduncles	short	long
	Low temperature tolerance	good	medium
20	Salt tolerance	medium	good
	Plant habit	compact	tall
	Branching habit (number of branches)	5.6	6.0
	Beginning of flowering	early-medium	medium

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I claim:

1. A new and distinct cultivar of Geranium plant named Fisglo, as illustrated and described.

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**U.S. Patent**

**Dec. 11, 1990**

**Plant 7,394**

