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

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(54) **VARIETY OF *VERBENA* PLANT NAMED
'GRUELOX 01'**

(50) Latin Name: *Verbena hybridus*
Varietal Denomination: **Gruelox 01**

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patent is extended or adjusted under 35
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(51) **Int. Cl.**
A01H 5/00 (2006.01)

(52) **U.S. Cl.** **Plt./308**

(58) **Field of Classification Search** **Plt./308**
See application file for complete search history.

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(57) **ABSTRACT**

A new and distinct *Verbena* plant named 'Gruelox 01' having
plentiful flowers per spike that are light reddish-purple in
color with a darker colored reddish-purple eye in the middle.

1 Drawing Sheet

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Botanical classification: *Verbena hybridus*.
Varietal denomination: 'Gruelox 01'.

BACKGROUND OF THE INVENTION

The present invention comprises a new and distinct cultivar
of *Verbena* plant known by the varietal name 'Gruelox 01'.
The new variety was discovered in August of 2003 in a
selected breeding program in Waltrop, Germany. The purpose
of the breeding program was to produce a new variety of
Verbena with large flowers and improved mildew resistance.
The new variety was selected from a cross of proprietary
unpatented breeding plants identified as 5-11-1 (female par-
ent, unpatented) and 4-8 (male parent, unpatented). The new
variety exhibits a bushy, compact growth habit that is similar
to its parents, but exhibits more and larger flowers than both
parents and also exhibits hard and glossy leaves. Further,
'Gruelox 01' has larger flowers (20 mm vs. 8-10 mm) than
Verbena plant 'Sumverdi'. The new variety was first asexu-
ally reproduced in October 2003 by tipcuttings in Waltrop,
Germany. The new variety has been trial and field tested and
has been found to retain its distinctive characteristics and
remain true to type through successive propagations.

The following traits also distinguish 'Gruelox 01' as a new
and distinct cultivar from other *Verbena* varieties known to
the breeder:

1. 'Gruelox 01' exhibits a small, purple eye;
2. 'Gruelox 01' has plentiful flowers per spike; and
3. 'Gruelox 01' has large flowers.

DESCRIPTION OF THE DRAWINGS

The accompanying photographic drawing illustrates the
new variety, with the color being as nearly true as is possible
with color illustrations of this type:

FIG. 1 is a photograph of the plant.

DESCRIPTION OF THE PLANT

The following detailed description sets forth characteris-
tics of the new cultivar. The data which defines these charac-
teristics were collected by asexual reproductions by cuttings
carried out in Waltrop, Germany. Plants for the description

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were 11 weeks old, grown in a greenhouse during the Summer
in 10.5 cm containers. The color readings were taken in an
office under artificial light. Color references are primarily to
The 2001 R.H.S. Colour Chart of The Royal Horticultural
Society of London.

PLANT

Form: Spreading.

10 Height (from soil to top of flowers): Approximately 20 cm.

Diameter: Approximately 20 cm.

Vigor: Compact.

Roots:

15 *Habit*.—Spreading.

Time to initiate roots.—About 10 days at 18° C.

Time to develop roots.—About 21 days at 18° C.

Time to finish a flowered plant: About 10-12 weeks in a 10.5
cm container.

20 Branching habit: Bushy.

Lateral branches:

Color.—146B.

Texture.—Smooth.

25 *Diameter*.—Approximately 3-4 mm.

Internode length.—Approximately 20-25 mm.

Foliage:

Arrangement.—Opposite.

30 *Size of leaf*.—Length: 25-30 mm. Width: Approximately
18-20 mm.

Shape of leaf.—Lanceolate.

Shape of apex.—Acute.

Shape of base.—Obtuse.

35 *Texture*.—Smooth.

Margin.—Crenate.

Color.—Young leaves: Upper surface: 137A. Lower sur-
face: 137D. Mature leaves: Upper surface: 137A.
Lower surface: 137B.

40 *Petiole*.—Length: 5 mm. Diameter: 1 mm. Color: 138B.

Veins.—Venation type: Pinnate. Color: Upper surface:
138B. Lower surface: 138B.

FLOWER

Natural flowering season: From April until October.

Bud (described before opening):

Shape.—Long; 5 parted.

Diameter.—3 mm.

Length.—10-11 mm.

Color.—62C.

Spike:

Number of flowers per spike.—Approximately 35-45. 10

Diameter.—Approximately 15-18 mm.

Length.—Approximately 8-10 cm after flowering.

Corolla:

Form.—Fused petals.

Petals/lobes.—Number: 5. Length: Approximately 7-9 15
mm. Width: Approximately 6-7 mm. Shape: Obovate.

Aspect: Flat. Margin: Lobated. Texture and appear-

ance: Smooth. Color: When opening: Upper surface:

69B to 69C with a 71B eye. Lower surface: 69C. Fully

opened: Upper surface: 69B to 69C with a 71B eye. 20

Lower surface: 69C.

Throat.—Color: 130D. Texture: Smooth.

Tube color: 130D.

Calyx:

Form.—Fused at base; cylindrical.

Length.—Approximately 8-11 mm.

Diameter.—2 mm.

Sepal.—Shape: Cylindrical; 5 connected sepals. Mar-
gin: Acuminate. Texture: Smooth. Color: Upper sur-
face: 137B. Lower surface: 137B to 137D.

Disease resistance: No resistance to diseases noted to date.

5 Fragrance: None.

Temperature tolerance: From 1° C. to 45° C.

Lasting quality: Good.

REPRODUCTIVE ORGANS

Stamens:

Number: 4.

Filament length.—0.5 mm.

Anthers.—Shape: Oval. Length: 0.01 mm. Color:
N144D.

Pollen.—Color: 154C. Amount: Minimal.

Pistil:

Length.—10-12 mm.

Style.—Length: Less than 0.5 mm. Color: 137B to 137D.

Stigma.—Shape: Oval. Color: 137D.

Seed production: None.

I claim:

1. A new and distinct variety of *Verbena* plant named
25 ‘Gruelox 01’ substantially as shown and described herein.

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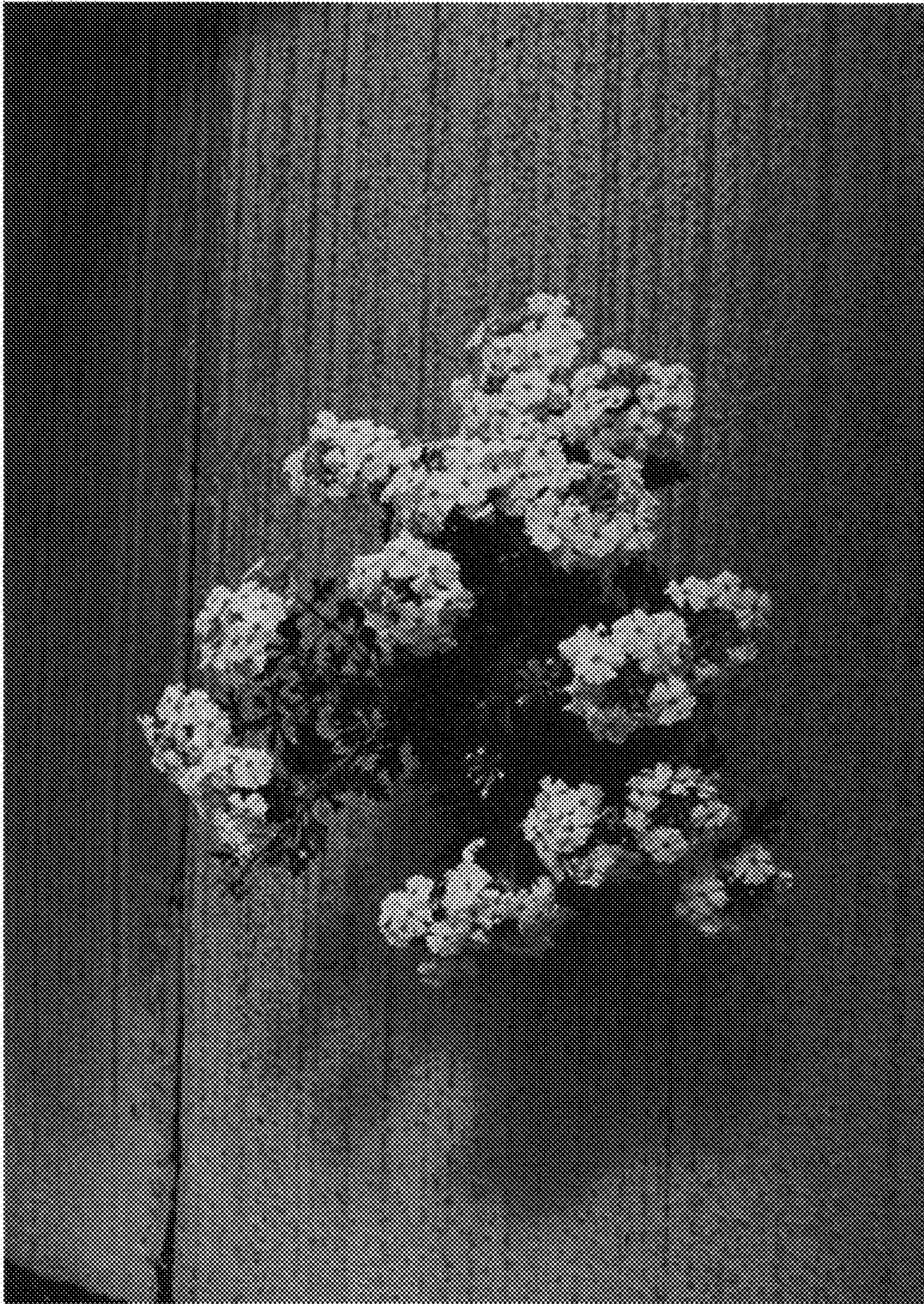


Fig. 1