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(54) *HAMAMELIS VIRGINIANA* PLANT NAMED
‘NOVEMBER GLOW’

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patent is extended or adjusted under 35
U.S.C. 154(b) by 0 days.

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(58) Field of Search **Plt./226**

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(57) **ABSTRACT**

A new cultivar of *Hamamelis virginiana* characterized by its
exceptionally large and abundant flowers borne on large,
dense clusters closely spaced on slender twigs.

2 Drawing Sheets

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BACKGROUND OF THE INVENTION

This invention relates to a *Hamamelis* which is a product
of crossing a seed parent *Hamamelis virginiana* (not pat-
ented); with an unknown pollen parent. The plant was
discovered in bloom in 1989 in a row of seedlings grown
from seed of the *Hamamelis virginiana* sown in 1984. I first
asexually reproduced the plant by means of grafting on
Hamamelis virginiana seedlings at Plainsboro Twp. in New
Jersey in February of 1992. Additional generations were
grown in Plainsboro Twp., N.J. I have observed the plants
thus produced and find that the characteristics initially
observed are in fact reproduced in successive generations.

The *Hamamelis* family includes a varied and diversified
group of shrubs grown for their ornamental value. They are
appreciated for their small yellow or red flowers that have a
distinct fragrance when fully opened. The fruit is pod like
and dry at maturity, and is characterized by its ability to split
at maturity with explosive force, flinging seeds up to 40 feet
from the plant.

BRIEF SUMMARY OF THE INVENTION

This new shrub was noticed in a row of *Hamamelis*
seedling-grown plants because it was so showy in bloom, the
flowers being borne in large, dense clusters closely spaced
on the slender twigs. It was so heavily flowered that it stood
out prominently from all of its sibling shrubs. Plants grafted
from scions of the mother plant bear the same large and very
abundant flowers.

DESCRIPTION OF THE DRAWINGS

This new variety of *Hamamelis* is illustrated by the
accompanying photographic drawing and depicts the plant
by the best possible color representation using color pho-
tography. All of the color definitions in the specification
have been taken from the Munsell Color Chart (hereinafter
referred to as ‘Munsell’). While the colors depicted are
believed to be of a high level of color fidelity, the coloration
of this plant should be understood to be approximate and
somewhat variable as a function of climate and the cultural
conditions and horticultural practices of the grower. For
example, the leaf coloration may vary depending on the
composition and the concentration of fertilizer that may be
applied to the plant. Furthermore, the colors depicted are as

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close to the actual coloration of the plant as is possible to
attain in a photographic illustration of this quality. However,
due to factors such as light reflectance, minor differences in
coloration may appear.

FIG. 1 is a view showing a close-up of the flowers; and,
FIG. 2 is a view of the entire shrub.

BOTANICAL DESCRIPTION

Where originated: In a cultivated area in Plainsboro
Township, N.J.
When originated: 1984.
How originated: Seedling in a nursery row.
By who originated: William Flemer III.

When and how and where first propagated: First propagated
by grafting on *Hamamelis virginiana* seedlings in Febru-
ary 1992.

Name and address of present owner: William Flemer III 323
Mapleton Road Princeton, N.J., 08540-9605.

Where specimens described were grown: In Plainsboro
Township, N.J.

Parentage:
Seed parent: *Hamamelis virginiana*.
Pollen parent: Unknown.

Newly found seedling of: *Hamamelis virginiana*.

Shrub:
Growth.—Vigorous, upright, branching, spreading.
Height.—2½ meters at maturity.
Spread.—Dense and spreading; 2½ meters at maturity.
Hardiness.—Very cold hardy, to -15° F.

Trunk: Old Stems — Stocky, smooth, diameter 5.5 cm
measured 6 cm above ground Munsell light olive gray 7.5
Y 5/5.

Branches: Slender, smooth.

Crotch angle.—40°.
Color.—Munsell moderate brown 7.5 YR 4/5.
Lenticels.—Small, abundant 1 mm wide; Munsell
strong yellowish brown 10 YR 5/6.
Number.—10 to 12 per 1 cm. of twig length.
Size.—1 year branches approximately 0.5 cm in diam-
eter and approximately 22 cm long.

Leaves:
Quantity.—Abundant; average about 9 leaves per
branch.
Arrangement.—Alternate.

Length.—10 to 12 cm.

Width.—7 to 9 cm.

Shape.—Ovate, with unequally cuneate base with 8 to 9 alternate veins on each side of the central vein; apex is acuminate.

Color.—Fall color: upper surface — Munsell strong orange yellow 7.5 YR 7/11 lower surface Munsell dark orange yellow 10 YR 6/8.

Thickness.—Thin.

New foliage color.—Upper side — Munsell moderate olive green 7.5 GY 4/4. Under side — Munsell strong yellow green 2.5 GY 5/5.

Mature foliage color.—Upper surface — Munsell moderate olive green 5 GY 4/3. Lower surface — Munsell moderate yellow green 5 GY 5/6.

Texture.—Upper and under side—Smooth.

Disease resistance.—No observed foliage disease.

Attitude.—Horizontal.

Margin.—Serrate edge 12 to 16 blunt teeth on each side.

Petiole.—Short 1.5 cm. long. Diameter 2 mm. Color — Munsell strong yellow green 2.5 GY 6/8.

Glands.—None.

Stipules.—None.

Flower buds: Inconspicuous.

Hardiness.—Very hardy — not affected by hot weather.

Size.—0.3 mm. in diameter.

Shape.—Ovoid, nearly globular.

Color.—Munsell-strong yellowish brown 10 YR 5/6.

Number.—4.

Length.—3 mm.

Color.—Munsell Dark Red 2.5 R 3/7.

Sepals.—Smooth edge; “hood” above bud.

Calyx.—Shape — very small, 6 mm in width shallow cup. Size — small. Aspect — smooth. Odor — no special odor when rubbed.

Peduncle.—Length — very short, 2 mm long. Aspect — Smooth. Strength — stiff, inflexible. Opening — bud opens well. Not affected by adverse conditions.

Flowers:

Dates first bloom.—November 1.

Full bloom.—November 15.

Quantity.—Very Abundant about 30 to 35 flowers per branch; Borne in tight clusters of 3 to 4 flowers.

Size.—Large — 2½ times larger than ordinary *Hamamelis virginiana* flowers; length of each petal — 2 cm; width — 0.2 cm; diameter of 4 petaled flower — 4 cm.

Borne.—Several together in cluster borne in tight cluster of 3 to 4 flowers. Shape — rounded, flat, very abundant.

Stems.—Very short, strong stems length — 0.5 cm; diameter — 2 mm.

Form.—When first open — slightly cupped. Permanence — flattens at maturity.

Petalage:

Number of petals.—4 from a common base.

Shape of petals.—Long, very narrow, slightly twisted.

Size of petals.—Length: 2 cm. Width: 0.2 cm.

Color.—Munsell brilliant yellow 5Y 9/9.

Texture.—Smooth. Not affected by wet weather. Not affected by hot weather, it does not flower in hot weather.

Appearance.—Satiny inside and out.

Arrangement.—4 petaled, petals in opposite pairs.

Petaloids in center.—None.

Persistence.—Drop off cleanly in approximately 30 days after fading.

Fragrance.—Not fragrant.

Lastingness.—On the plant — very long, usually 30 days. As cut flower — fair.

Fruits: Oval, 2 valved capsule bearing 2 oblong shiny black seeds 1 cm long by 3 mm wide. When borne: summer from flowering the previous November, opening and dispersing in October.

Abundance.—Sparse.

Size.—1.2 cm. long.

Color.—Munsell — moderate olive brown 2.5Y 4/4.

Variety.—Fertile.

Aspect.—Minutely tomentose.

Sepals.—Caducous.

Reproductive organs:

Stamens.—4 in number. Anthers — very small 3 mm long. Color — Munsell pale orange yellow 7.5 YR 9/4. Arrangement — tucked in calyx.

Filaments.—Threads — very short. Color — Munsell pale orange yellow 7.5 YR 9/4.

Pollen.—Color — Munsell brilliant greenish yellow 7.5 Y 9/8.

Pistil.—Styles bunched. Length — very short 3 mm long.

Ovaries.—All enclosed in calyx.

What is claimed is:

1. A new cultivar of *Hamamelis virginiana* characterized by exceptionally large and abundant flowers borne in dense clusters closely spaced on slender twigs as shown and described herein.

* * * * *



FIG. 1

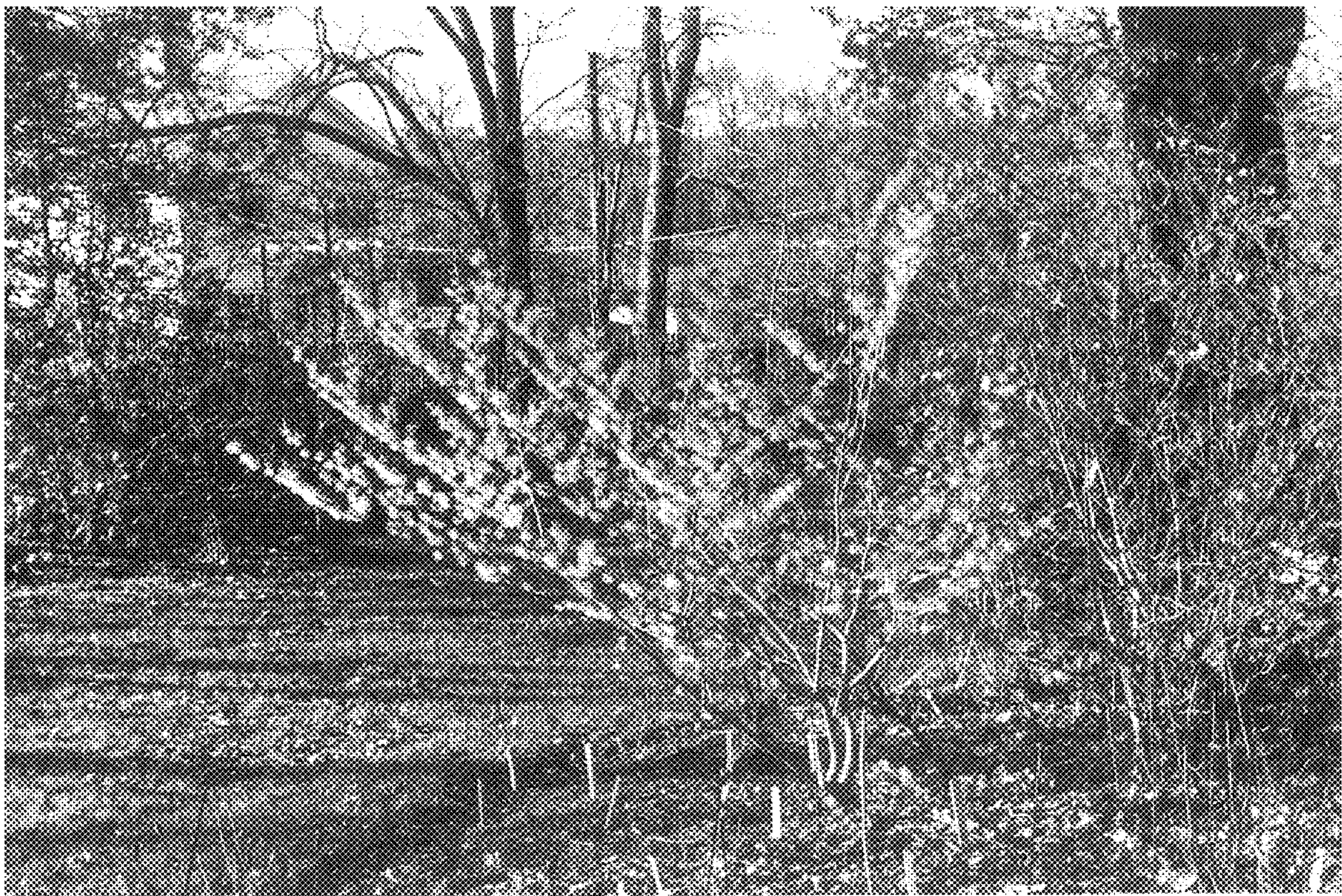


FIG. 2