

(12) **United States Plant Patent**
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(54) **VARIETY OF *HYDRANGEA* PLANT NAMED
'HORPILL'**

(50) Latin Name: *Hydrangea macrophylla*
Varietal Denomination: **Horpill**

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patent is extended or adjusted under 35
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(52) **U.S. Cl.** **Plt./250**

(58) **Field of Classification Search** **Plt./250**
See application file for complete search history.

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(57) **ABSTRACT**

A new and distinct bicoloured *Hydrangea* plant having dark
foliage and a compact growth habit.

1 Drawing Sheet

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Botanical classification: *Hydrangea macrophylla* hybrid.
Varietal denomination: 'HORPILL'.

BACKGROUND OF THE INVENTION

The present invention comprises a new and distinct culti-
var of *Hydrangea* plant known by the varietal name 'Hor-
pill'. The new variety was discovered in 1999 in a planned
breeding program in Dresden, Germany. The purpose of the
breeding program was to develop bicoloured *Hydrangeas*.
The new variety is the result of a cross between 'Moritzburg'
(female parent, unpatented) and 'Nobuko' (male parent).
The inflorescence shape and foliage of the new variety are
similar to its female parent, but 'Moritzburg' is not bico-
loured. 'Nobuko' is bicoloured like the new variety, but dif-
fers from 'Horpill' in growth habit. The new variety was first
asexually reproduced in 1999 via propagation by cuttings in
Germany. The new variety has been trial and field tested in
Germany and has been found to retain its distinctive charac-
teristics and remain true to type through successive propaga-
tions.

The following traits distinguish 'Horpill' as a new and
distinct cultivar from other *Hydrangea* varieties known to
the breeder:

1. Bicoloured in nature;
2. Strong stems;
3. Dark foliage;
4. Compact growth habit;
5. Small leaves; and
6. Good root system.

'Horpill' is similar to another *Hydrangea* variety, 'Harle-
kin' (unpatented), because they are both bicoloured with
mop-heads and a compact growth habit. However, 'Horpill'
differs from 'Harlekin' in stem quality, sterile flower shape,
and root system characteristics.

DESCRIPTION OF THE DRAWING

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 photograph of an entire plant of the new variety.

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DESCRIPTION OF THE PLANT

The following detailed description sets forth characteris-
tics of the new cultivar. The plants were grown in 13 cm. pots
in peat substrate at a pH of 6.0 and were 10 months past
propagation when described. Measurements and color read-
ings of the plants were taken in Dresden, Germany under
natural light with a shadow present. Color references are
primarily to the R.H.S. Colour Chart of the Royal Horticul-
tural Society of London.

PLANT

Time to initiate roots: About 15 days at 18° C.
Time to develop roots: About 20 days at 18° C.
Rooting habit: Strong and adventitious root system.
Time to produce a finished flowering plant from a rooted
cutting: About 42 weeks in a 13 cm. container.
Form: Symmetrical.
Height (from media surface to top of foliage): 18.0 cm.
Height (from media surface to top of flowers): 27.0 cm.
Plant diameter: 40.0 cm.
Vigor: Strong.
Strength: No artificial support needed.
Branching habit: Well-branched.
Trunk:
Main trunk length.—1.0 cm.
Diameter.—1.5 cm.
Color.—199B.
Texture.—Woody.
Pubescence.—Absent.
Internode length.—1.3 cm.
Lateral branches:
Length.—Young: 12.0 cm. Mature: 6.0 cm.
Diameter.—Young: 0.7 cm. Mature: 1.0 cm.
Internode length.—2.6 cm.
Texture.—Smooth with dark lenticels.
Pubescence.—Absent.
Color.—Young: 144A. Mature: 199B.
Lenticel color.—177A.
Foliage:
Arrangement.—Opposite disposition.
Size of leaf.—Length: 9.6 cm. Width: 7.6 cm.

Shape of leaf (generally).—Young: Ovate. Mature: Ovate.

Shape of apex.—Cuspidate.

Shape of base.—Obtuse.

Texture.—Matte.

Aspect.—Slightly undulate.

Margin type.—Serrate.

Pubescence.—None present.

Color.—Young leaves: Upper surface: 137A. Lower surface: 138B. Mature leaves: Upper surface: 139A. Lower surface: 138A.

Petiole.—Shape: U-shaped. Length: 1.7 cm. Diameter: 0.3 cm. Color: 138B.

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

FLOWER

Natural flowering season: July in Dresden, Germany.

Flower habit: Early blooming after 10 weeks of forcing.

Bud:

Stage of development when described.—At full colouration.

Shape of cluster.—Round.

Diameter of cluster.—7.0 cm.

Number of buds per cluster.—6 fertile, 17 sterile.

Shape.—Fertile: Round. Sterile: Round.

Length.—Fertile: 0.4 cm. Sterile: 0.2 cm.

Width.—Fertile: 0.4 cm. Sterile: 0.2 cm.

Inflorescence:

Shape.—Mophead.

Length.—8.0 cm.

Diameter.—16.0 cm.

Average number of flowers per inflorescence.—80.

Average number of inflorescence per plant.—6.

Lastingness.—Fertile: Three weeks. Sterile: Four weeks.

Petals:

Number per flower.—4 to 5.

Color.—Upper surface: 63B. Lower surface: 63B.

Shape.—Round.

Length.—0.3 cm.

Width.—0.15 cm.

Apex.—Pointy.

Base.—Obtuse.

Margin.—Entire.

Texture.—Smooth.

Tonality from a distance.—Mixed colour.

Sepals:

Number per flower.—4 to 5.

Color.—138B.

Shape.—Ovate.

Length.—0.1 cm.

Width.—0.1 cm.

Apex.—Pointy.

Base.—Obtuse.

Margin.—Entire.

Texture.—Smooth.

Fused.—Yes.

Petaloids:

Quantity.—3 to 5.

Shape.—Ovate.

Color.—Upper surface: Margin: 62D. Middle: 63B.

Lower surface: Margin: 62D. Middle: 62A.

Pedicels:

Length.—Fertile: 0.7 cm. Sterile: 2.0 cm.

Diameter.—Fertile: 0.1 cm. Sterile: 0.2 cm.

Color.—63C.

Peduncles:

Length.—2.5 cm.

Diameter.—0.3 cm.

Texture.—Smooth with dark lenticels.

Color.—138B, 178A lenticels.

Stamens:

Number per fertile flower.—7 to 9.

Filament.—Length: 0.2 cm. Color: 64A.

Anthers.—Shape: Round to elongated. Length: 0.1 cm.

Color: 130D, but brighter.

Pollen.—Color: 130D, but brighter. Amount: Plentiful.

Pistils:

Number.—1, divided into 3 parts.

Length.—0.1 cm.

Style.—Length: 0.1 cm. Color: 138B.

Stigma (divided into 3 parts).—Color: 63B. Diameter: 0.15 cm.

Ovaries (inferior).—Length: 0.3 cm. Width: 0.2 cm.

Color: 1D.

Fragrance: Fresh and “green”.

Disease resistance: Tolerant to botrytis and powdery mildew.

Temperature tolerance: Medium, not fully winterhardy flower buds in Germany.

Drought tolerance: Medium.

I claim:

1. A new and distinct variety of *Hydrangea* plant substantially as shown and described herein.

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Fig. 1