

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

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(45) **Date of Patent:** **Sep. 14, 2010**

(54) **VARIETY OF *HYDRANGEA* PLANT NAMED
'HORMEI'**

(50) Latin Name: *Hydrangea macrophylla* hybrid
Varietal Denomination: **Horme**

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(73) Assignee: **Claus & Torsten Kühne GbR**, Dresden
(DE)

(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 0 days.

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(65) **Prior Publication Data**

US 2010/0132083 P1 May 27, 2010

(51) **Int. Cl.**
A01H 5/00 (2006.01)

(52) **U.S. Cl.** **Plt./250**

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

(56) **References Cited**

OTHER PUBLICATIONS

Upov Plant Variety Database 2009/03 p. 1.*

* cited by examiner

Primary Examiner—Annette H Para

(74) *Attorney, Agent, or Firm*—The Webb Law Firm

(57) **ABSTRACT**

A new and distinct *Hydrangea* plant having pink flowers,
strong vigor and good branching.

1 Drawing Sheet

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

BACKGROUND OF THE INVENTION

The present invention comprises a new and distinct cultivar
of *Hydrangea* plant known by the varietal name 'Horme'.
The new variety was discovered in 2000 in a planned breeding
program in Dresden, Germany. The purpose of the breeding
program was to develop compact, blue *Hydrangeas*. The new
variety is the result of mixed pollination between nine differ-
ent genotypes of proprietary *Hydrangea* plants. The new vari-
ety was first asexually reproduced in 2000 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
characteristics and remain true to type through successive
propagations.

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

1. Forcing time;
2. Branching;
3. Number of sterile flowers;
4. Vigor; and
5. Stem quality.

'Horme' is similar to another *Hydrangea* variety, 'Blaul-
ing' (unpatented), in color and lacecap. However, 'Horme'
differs from 'Blauling' in forcing time, branching, and sterile
flower number.

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:

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FIG. 1 is photograph of an entire plant of the new variety.

DESCRIPTION OF THE PLANT

5 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 5.7 and were 10 months past
propagation when described. Measurements and color read-
ings of the plants were taken in Dresden, Germany under
10 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

15 *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
20 *cutting.*—About 40 weeks in a 13 cm. container.
Form.—Symmetrical.
Height (from media surface to top of foliage).—20.0 cm.
Height (from media surface to top of flowers).—26.0
cm.
25 *Plant diameter.*—45.0 cm.
Vigor.—Strong.
Strength.—No artificial support needed.
Branching habit.—Well-branched.
Trunk.—Main trunk length: 1.0 cm. Diameter: 0.8 cm.
30 Color: 199D. Texture: Woody. Pubescence: Absent.
Internode length: 1.2 cm.
Lateral branches.—Length: Young: 18.0 cm. Mature:
0.5 cm. Diameter: Young: 0.5 cm. Mature: 0.6 cm.
35 Internode length: 3.3 cm. Texture: Smooth with dark
lenticels. Pubescence: Absent. Lenticel: Length:
1.0–2.0 mm. Width: 0.5 mm. Shape: Mostly elon-
gated. Color: Young: 144B. Mature: 199D. Lenticel
color: 177A.

Foliage.—Arrangement: Mostly opposite disposition.
 Size of leaf: Length: 10.0 cm. Width: 6.0 cm. Shape of
 leaf (generally): Young: Long and ovate. Mature:
 Long and ovate. Shape of apex: Cuspidate. Shape of
 base: Obtuse. Texture: Matte. Aspect: Slightly undu- 5
 late. Margin type: Serrate. Pubescence: None present.
 Color: Young leaves: Upper surface: 139A. Lower
 surface: 137B. Mature leaves: Upper surface: 139A.
 Lower surface: 137B. Petiole: Shape: U-shaped.
 Length: 2.5 cm. Diameter: 0.3 cm. Color: 143B. 10
 Veins: Venation type: Pinnate. Color: Upper surface:
 138A. Lower surface: 138B.

FLOWER

Natural flowering season.—July in Dresden, Germany. 15
Flower habit.—Early blooming after 7 weeks of forcing.
Bud.—Stage of development when described: At full
 coloration. Shape of cluster: Round. Diameter of clus-
 ter: 4.0 cm. Number of buds per cluster: More than 50. 20
 Shape: Fertile: Round. Sterile: Round. Length: Fer-
 tile: 0.6 cm. Sterile: 0.2 cm. Width: Fertile: 0.4 cm.
 Sterile: 0.3 cm.
Inflorescence.—Shape: Lacecap. Length: 7.0 cm. Diam- 25
 eter: 15.0 cm. Average number of flowers per inflo-
 rescence: Sterile: More than 60. Fertile: More than 6.
 Average number of inflorescences per plant: 7. Last-
 ingness: Fertile: Two weeks. Sterile: Four weeks.
Petals.—Number per flower: 4 to 6. Color: Upper sur- 30
 face: 75C. Lower surface: 75C. Shape: Ovate. Length:
 0.5 cm. Width: 0.25 cm. Apex: Pointy. Base: Obtuse.
 Margin: Entire. Texture: Smooth. Tonality from a dis-
 tance: Mixed color.

Sepals.—Number per flower: 4 to 6. Color: 145C.
 Shape: Ovate. Length: 0.2 cm. Width: 0.1 cm. Apex:
 Pointy. Base: Obtuse. Margin: Entire. Texture:
 Smooth. Fused: Yes. Petaloids: Quantity: 4 to 5.
 Shape: Round to ovate. Length: 2.0 cm. Width: 1.8
 cm. Color: Upper surface: 73A. Lower surface: 73D.
Pedicels.—Length: Fertile: 0.7 cm. Sterile: 2.5 cm.
 Diameter: Fertile: 0.1 mm. Sterile: 0.15 cm. Color:
 73D.
Peduncles.—Length: 4.0 cm. Diameter: 0.3 cm. Texture:
 Smooth with dark lenticels. Color: 143D.
Stamens.—Number per fertile flower: 7 to 9. Filament:
 Length: 0.3 cm. Color: 65C. Anthers: Shape: Round
 to elongated. Length: 0.1 cm. Color: 1D. Pollen:
 Color: 1D. Amount: Plentiful.
Pistils.—Number: 1, divided into 3 parts. Length: 0.1
 cm. Style: Length: 0.1 cm. Color: 65C. Stigma (di-
 vided into 3 parts): Color: 65D. Diameter: 0.2 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 winter-
 hardy flower buds in Germany.
Drought tolerance.—Medium.

I claim:

1. A new and distinct variety of *Hydrangea* plant substan-
 tially as shown and described herein.

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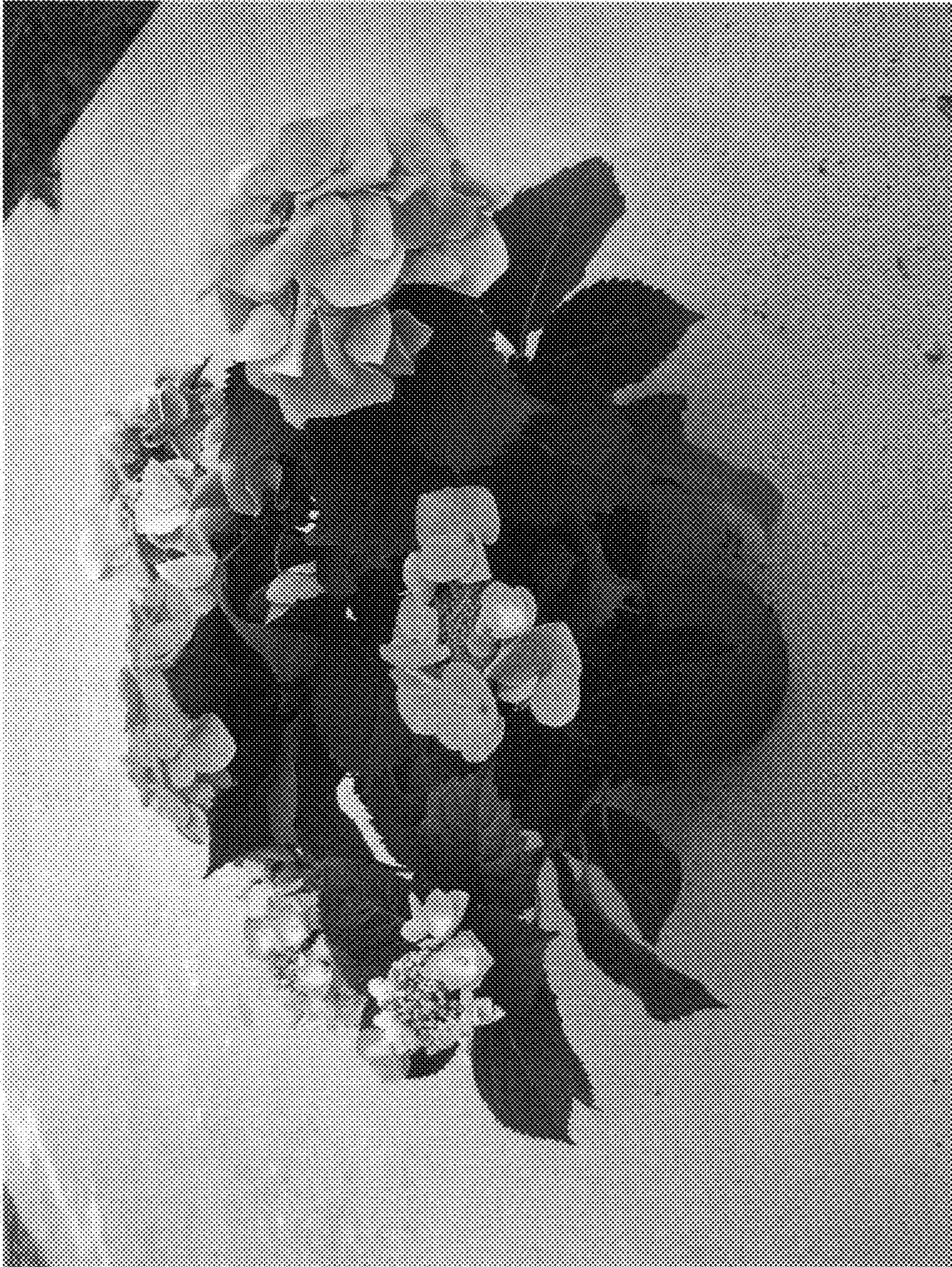


Fig. 1

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

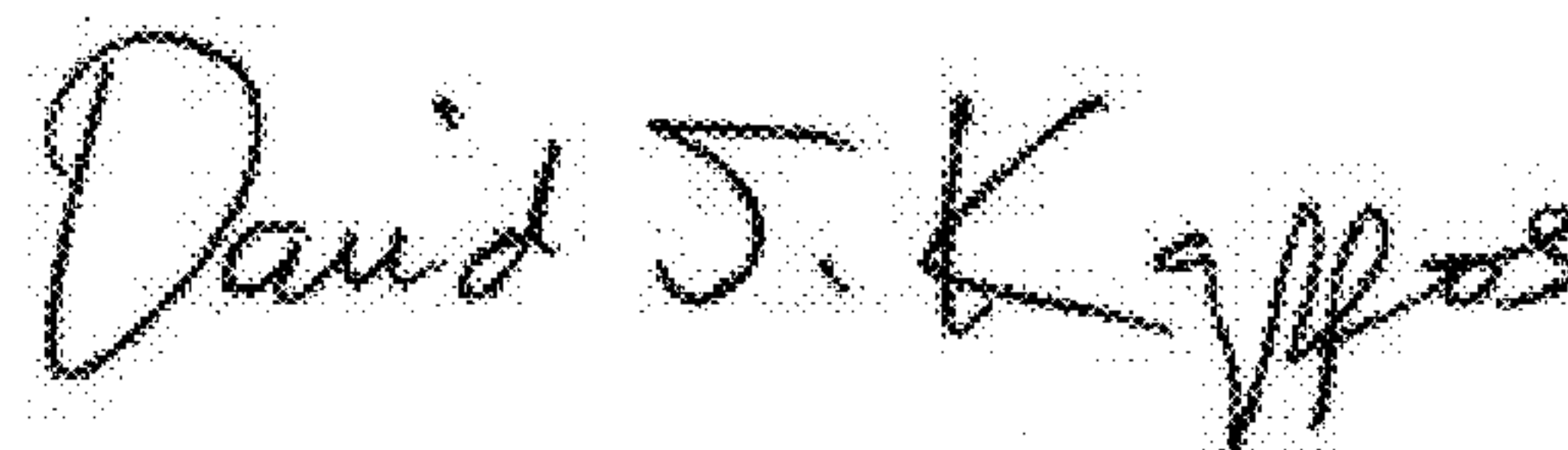
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INVENTOR(S) : Meinel

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 4, line 8, "Diameter: Fertile: 0.1 mm." should read -- Diameter: Fertile: 0.1 cm. --

Signed and Sealed this
Twenty-fifth Day of January, 2011

A handwritten signature in black ink, reading "David J. Kappos". The signature is written in a cursive, flowing style with a large initial "D" and a stylized "K".

David J. Kappos
Director of the United States Patent and Trademark Office