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(54) **PEPEROMIA PLANT NAMED ‘EC-PEPE-1805’**

(50) Latin Name: *Peperomia obtusifolia*  
Varietal Denomination: **EC-PEPE-1805**

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See application file for complete search history.

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(57) **ABSTRACT**

A new cultivar of *Peperomia* plant named ‘EC-PEPE-1805’ that is characterized by elongated obovate shaped green leaves and very short internodes.

**1 Drawing Sheet**

**1**

Botanical classification: *Peperomia obtusifolia*.  
Variety denomination: ‘EC-PEPE-1805’.

**BACKGROUND OF THE INVENTION**

The present invention relates to a new and distinct cultivar of *Peperomia* plant botanically known as *Peperomia obtusifolia* and hereinafter referred to by the cultivar name ‘EC-PEPE-1805’.

‘EC-PEPE-1805’ originated from the crossing of the female or seed parent, an unnamed *Peperomia obtusifolia* cultivar and the male or pollen parent, an unnamed *Peperomia obtusifolia* cultivar. The crossing was conducted in 2015 in Sappemeer, Netherlands. The resulting seeds were subsequently planted and grown. The cultivar ‘EC-PEPE-1805’ was selected by the inventor in 2017 in a controlled environment as a single plant within the progeny of the stated cross in a cultivated area of Sappemeer, Netherlands.

Asexual reproduction of the new cultivar ‘EC-PEPE-1805’ first occurred by leaf cuttings in 2017 in Sappemeer, Netherlands. Since that time, under careful observation, the unique characteristics of the new cultivar have been uniform, stable and reproduced true to type in successive generations of asexual reproduction.

**SUMMARY OF THE INVENTION**

The following represent the distinguishing characteristics of the new *Peperomia* cultivar ‘EC-PEPE-1805’. These traits in combination distinguish ‘EC-PEPE-1805’ as a new and distinct cultivar apart from other existing varieties of *Peperomia* known by the inventor.

1. *Peperomia* ‘EC-PEPE-1805’ exhibits elongated obovate shaped green leaves.
2. *Peperomia* ‘EC-PEPE-1805’ exhibits very short internodes.

The closest comparison cultivars are *Peperomia* ‘Bohemian Bravour’ (not patented) and *Peperomia* ‘Obtipan Bicolor’ (not patented). ‘EC-PEPE-1805’ is distinguishable from ‘Bohemian Bravour’ by the following characteristics:

**2**

1. *Peperomia* ‘EC-PEPE-1805’ exhibits elongated obovate shaped green leaves. In comparison, the leaves of ‘Bohemian Bravour’ are more round in shape.

2. *Peperomia* ‘EC-PEPE-1805’ exhibits very short internodes. In comparison, the internodes of ‘Bohemian Bravour’ are much longer.

3. *Peperomia* ‘EC-PEPE-1805’ exhibits weaker strength internodes than the internodes of ‘Bohemian Bravour’.

‘EC-PEPE-1805’ is distinguishable from ‘Obtipan Bicolor’ by the following characteristics:

1. *Peperomia* ‘EC-PEPE-1805’ exhibits elongated obovate shaped green leaves. In comparison, the leaves of ‘Obtipan Bicolor’ are more round in shape.

2. *Peperomia* ‘EC-PEPE-1805’ exhibits green leaves. In comparison, the leaves of ‘Obtipan Bicolor’ are white and green.

‘EC-PEPE-1805’ is distinguishable from the female parent plant, by the following characteristics:

1. The leaves of ‘EC-PEPE-1805’ are elongated obovate in shape. In comparison, the leaves of the female parent plant are less elongated.

‘EC-PEPE-1805’ is distinguishable from the male parent plant by the following characteristics:

1. The leaves of ‘EC-PEPE-1805’ are elongated obovate in shape. In comparison, the leaves of the male parent plant are more elongated.

**BRIEF DESCRIPTION OF THE DRAWING**

The accompanying photograph illustrates the distinguishing traits of *Peperomia* ‘EC-PEPE-1805’. The photograph shows an overall view of a 23 week old plant. The photograph was taken using conventional techniques and although colors may appear different from actual colors due to light reflectance, it is as accurate as possible by conventional photographic techniques.

**BOTANICAL DESCRIPTION OF THE PLANT**

The following is a detailed description of the new *Peperomia* cultivar named ‘EC-PEPE-1805’. Data was collected in Sappemeer, Netherlands from 23 week old plants grown

in a glass greenhouse in 13 cm. diameter containers. The time of year was Winter and the temperature range was 20-24 degrees Centigrade during the day and 18-21 degrees Centigrade at night. The light level was natural light level. No photoperiodic treatments or growth retardants were used. Color determinations are in accordance with The Royal Horticultural Society Colour Chart 2015 edition, except where general color terms of ordinary dictionary significance are used. The growing requirements are similar to the species. 'EC-PEPE-1805' has not been tested under all possible conditions and phenotypic differences may be observed with variations in environmental, climatic, and cultural conditions, however, without any variance in genotype.

Botanical classification: *Peperomia obtusifolia* 'EC-PEPE-1805'.

Annual or perennial: Perennial.

Parentage: 'EC-PEPE-1805' is a hybrid of the female parent, an unnamed *Peperomia obtusifolia* cultivar and the male parent an unnamed *Peperomia obtusifolia* cultivar.

Plant type: Potted plant.

Growth habit: Broad upright.

Plant shape: Flattened globe shaped.

Suitable container size: 7 cm. pots or larger.

Plant height to top of foliage plane: Average 11.8 cm.

Plant width: Average 18.2 cm.

Vigor: Moderate.

Growth rate: Moderate.

Low temperature tolerance: 10° Centigrade.

High temperature tolerance: 35° Centigrade.

Propagation: Leaf cuttings.

Time to initiate roots (summer): 10 days at 18 to 20° C.

Time to initiate roots (winter): 14 days at 18 to 20° C.

Time to produce a rooted cutting (summer): 80 days at 18 to 20° C.

Time to produce a rooted cutting (winter): 100 days at 18 to 20° C.

Crop time: Approximately 30 weeks in Sappemeer, Netherlands.

Root system: Fibrous.

Plant fragrance: None.

Stem:

*Branching habit.*—Main branches grow from base with lateral branches.

*Basal branching.*—Yes.

*Pinching.*—Not required.

*Number of main branches per plant.*—Average 1.

*Number of lateral branches per plant.*—Average 2.

*Main branch dimensions.*—Average 2.5 cm. in length and 0.6 cm. in width.

*Internode length.*—0.8 cm.

*Stem appearance.*—Succulent.

*Stem shape.*—Rounded.

*Stem texture.*—Smooth.

*Stem luster.*—Moderately glossy.

*Stem pubescence.*—Absent.

*Stem angle.*—Average 30 degrees from vertical.

*Stem strength.*—Moderately strong.

*Stem color (young).*—144A.

*Stem color (mature).*—152A.

*Internode color.*—154D.

Foliage:

*Leaf arrangement.*—Alternate.

*Compound or single.*—Single.

*Quantity of leaves per lateral branch.*—Average 4.

*Leaf shape.*—Obovate.

*Leaf aspect.*—Flat to slightly concave.

*Leaf apex.*—Obtuse to undeeply retuse.

*Leaf base.*—Attenuate.

*Leaf dimensions.*—Average 13.4 cm. in length and 5.4 cm. in width.

*Texture.*—Glabrous, leathery (both surfaces).

*Leaf luster upper surface.*—Very glossy.

*Leaf luster lower surface.*—Glossy.

*Pubescence.*—Absent (both surfaces).

*Leaf margin.*—Entire.

*Leaf lobed.*—Not lobed.

*Leaf rugose.*—Not rugose (both surfaces).

*Venation pattern.*—Pinnate, slightly furrowed.

*Young leaf color (upper surface).*—144A.

*Young leaf color (lower surface).*—144A to 144B.

*Mature leaf color (upper surface).*—NN137A.

*Mature leaf color (lower surface).*—Between 144B and 146C.

*Vein color (upper surface).*—N144C and N144D.

*Vein color (lower surface).*—147C, toward margins 145C, toward base 175C to 175D.

Petiole:

*Petiole dimensions.*—Average 1.3 cm. in length and 0.35 cm. in diameter.

*Petiole texture.*—Glabrous.

*Petiole luster.*—Slightly glossy on both sides.

*Petiole pubescence.*—Absent.

*Petiole strength.*—Moderate.

*Petiole color (upper side).*—175A and N144B.

*Petiole color (lower side).*—175A.

Flower: 'EC-PEPE-1805' has not produced flowers to date.

45 Fruit and seed: 'EC-PEPE-1805' has not produced fruit or seed to date.

Disease and pest resistance: Disease and pest resistance has not been observed.

The invention claimed is:

50 1. A new and distinct variety of *Peperomia* plant named 'EC-PEPE-1805' as described and illustrated.

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