



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

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(54) ***ILEX* PLANT NAMED**
‘ILEXFARROWTRACEY’

(50) Latin Name: *Ilex glabra*
Varietal Denomination: **ILEXFARROW-**
TRACEY

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patent is extended or adjusted under 35
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(52) **U.S. Cl.**
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CPC **A01H 5/00** (2013.01)

(58) **Field of Classification Search**
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(57) **ABSTRACT**

A new and distinct *Ilex glabra* cultivar named ‘ILEXFAR-
ROWTRACEY’ is disclosed, characterized by dark green
foliage. Plants are dwarf and compact, forming dense
mounds, with foliage growth to the ground. The new cultivar
is an *Ilex glabra*, suitable for ornamental garden purposes.

2 Drawing Sheets

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Latin name of the genus and species: *Ilex glabra*.
Variety denomination: ‘ILEXFARROWTRACEY’.

BACKGROUND OF THE INVENTION

The new cultivar is a product of a planned breeding
program by the inventor. The new variety, hereinafter
referred to as ‘ILEXFARROWTRACEY’ was selected from
an open-pollination breeding program conducted during
2007. The seed parent is *Ilex glabra* ‘Shamrock’,
unpatented. The pollen parent is unidentified. The novel
variety was discovered in a commercial nursery in Warwick,
Md. during 2008.

After identifying the new variety as a potentially inter-
esting selection, first asexual propagation of ‘ILEXFAR-
ROWTRACEY’ occurred by softwood cuttings at a com-
mercial nursery in Warwick, Md. in June 2009. The inventor
continued controlled testing and asexual propagation,
assessing stability of the unique characteristics of this vari-
ety. Eight generations have been asexually reproduced and
have shown that the unique features of this cultivar are stable
and reproduced true to type.

SUMMARY OF THE INVENTION

The cultivar ‘ILEXFARROWTRACEY’ has not been
observed under all possible environmental conditions. The
phenotype may vary somewhat with variations in environ-
ment such as temperature, day length, and light intensity,
without, however, any variance in genotype. The following
traits have been repeatedly observed and are determined to
be the unique characteristics of ‘ILEXFARROWTRACEY’
These characteristics in combination distinguish ‘ILEX-
FARROWTRACEY’ as a new and distinct *Ilex glabra*
cultivar:

1. Dwarf, compact plant habit.
2. Dark foliage.

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3. No blight issues observed, plant may be resistant to
Phytophthora ilicis and/or other foliar pathogens of
Ilex.
4. Foliage covers the plant attractively all the way to the
ground.

COMMERCIAL COMPARISON

‘ILEXFARROWTRACEY’ can be compared to the com-
mercial variety *Ilex glabra* ‘SMNIGAB17’ U.S. Plant Pat.
No. 27,554. The varieties are similar in most horticultural
characteristics, however, plants of ‘ILEXFAR-
ROWTRACEY’ differ in the following ways:

1. New cultivar has larger leaves than this comparator.
2. New cultivar has dark green foliage; comparator has
red tips during spring flush.

PARENTAL COMPARISON

‘ILEXFARROWTRACEY’ can be compared to the par-
ent *Ilex glabra* ‘Shamrock’. The varieties are similar in most
horticultural characteristics, however, plants of ‘ILEXFAR-
ROWTRACEY’ differ in the following ways:

1. New cultivar is of smaller stature; parent is taller by
about 3 feet.
2. The seed parent may lose foliage near the ground,
which is not regenerated, leaving the base of the plant
bare.
3. The new variety has a more mounding plant habit, the
seed parent is more upright.

BRIEF DESCRIPTION OF THE PHOTOGRAPHS

The accompanying photograph in FIG. 1 illustrates in full
color a typical plant of ‘ILEXFARROWTRACEY’ grown
outdoors in Grand Haven, Mich. Plants in FIG. 1 are

approximately 3 years old, and exhibit the characteristic full, compact and mounded growth.

FIG. 2 illustrates a close-up view of the foliage.

The photographs were 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.

DETAILED BOTANICAL DESCRIPTION

In the following description, color references are made to The Royal Horticultural Society Colour Chart 2015 except where general terms of ordinary dictionary significance are used. The following observations and measurements describe 'ILEXFARROWTRACEY' plants grown in a poly greenhouse during Summer, in Grand Haven, Mich. USA. The growing temperature ranged from 18° C. to 27° C. during the day and from 5° C. to 10° C. during the night. General light conditions are natural sunlight. Measurements and numerical values represent averages of typical plant types.

Botanical classification: *Ilex glabra* 'ILEXFARROWTRACEY'.

PROPAGATION

Typical method: Softwood cuttings.

Time to initiate rooting: 30 days during summer; 45 days during winter.

Time to produce a rooted young plant: 150 days during summer; 5 months during winter.

Root description: Dense and fibrous roots present. Freely branching, medium thickness, dark colored.

PLANT

Age of plant described: 2 to 3 years.

Container size of plant described: 3 gallon.

Growth habit: Perennial shrub, compact and mounded.

Height: 19 cm.

Plant spread: 43 cm.

Typical growth rate: Good.

Branching characteristics: Many branches forming a dense, round plant.

Angle: About 45°, outward and upward.

Quantity of lateral branches: 10.

Length of lateral branches: 23 cm.

Diameter of lateral branches: 4 mm.

Lateral branch shape: Round.

Stem strength: Strong.

Stem color:

New wood.—Yellow green 144C.

Old wood.—Greyed-brown 199A.

Internode length: 12 mm.

FOLIAGE

Leaf:

Arrangement.—Alternate.

Shape of blade.—Elliptic.

Apex.—Acute.

Base.—Cuneate.

Margin.—Mostly entire, more sinuate near tip.

Length.—3.35 cm.

Width.—1.5 cm.

Texture of top surface.—Very smooth and soft.

Texture of bottom surface.—Smooth, kind of dry.

Foliage color.—Young leaves, upper side: Green 139A. Young leaves, under side: Green 138B.

Mature leaves, upper side: Green 139A. Mature leaves, under side: Green 138B.

Venation.—Pinnate.

Fragrance.—Not observed.

Petiole.—Texture, upper side: Smooth, some pubescence. Texture, under side: Smooth, some pubescence. Color, upper side: Green 138D. Color, under side: Green 138D.

FLOWER

Flowering not observed.

OTHER CHARACTERISTICS

Disease and pest resistance: Neither resistance nor susceptibility observed.

Drought tolerance: No tolerance for drought.

Temperature tolerance: -32 to 36 C.

What is claimed is:

1. A new and distinct cultivar of *Ilex glabra* plant named 'ILEXFARROWTRACEY' as herein illustrated and described.

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FIG. 1



FIG. 2