



## APPLICATIONS UNDER EXAMINATION

## POTENTILLA

### POTENTILLA

*(Dasiphora fruticosa subsp. fruticosa)*

**Proposed denomination:** 'Hachbianca'  
**Application number:** 19-10052  
**Application date:** 2019/12/04  
**Applicant:** Hachmann Baumschulen, Barmstedt, Germany  
**Agent in Canada:** BioFlora Inc., St. Thomas, Ontario  
**Breeder:** Holger Hachmann, Hachmann Baumschulen, Barmstedt, Germany

**Varieties used for comparison:** 'Eisprinzessin' and 'McKays White'

**Summary:** *The plants of 'Hachbianca' are very short to short whereas the plants of both reference varieties are short to medium height. The young stem of 'Hachbianca' is green tinged lightly with purple whereas the young stem of both reference varieties are light green. The inner side of the petal of 'Hachbianca' is white whereas that of 'Eisprinzessin' is light yellow and that of 'McKays White' is yellowish white.*

#### Description:

PLANT: spreading growth habit, very short to short

YOUNG STEM: green tinged lightly with purple, medium density pubescence

TWO YEAR OLD STEM: light brown, scaly bark texture

LEAF: very short to short, narrow, low to medium length to width ratio, upper side brown green (closest to RHS 137B but more grey), no variegation, absent or very sparse pubescence on upper side, medium density pubescence on lower side, few leaflets, no overlapping of top three leaflets

LEAFLET: narrow elliptic, strongly recurved margin

STIPULE: light brown

PETIOLE: medium to long

FLOWERING: continuous

FLOWER BUD: spherical, white (RHS 155B)

INFLORESCENCE: medium to many flowers

FLOWERING LATERAL: medium to long

PEDICEL: stiff attitude

EPICALYX LOBE: deltoid shape, no lateral lobes

SEPAL: ovate

FLOWER: medium sized diameter, few petals, saucer-shaped profile

PETAL: medium length, medium width, medium length to width ratio, white (RHS NN155B) on inner side, white (RHS NN155C) on outer side, weak undulation of margin

STAMEN: yellow anther, yellow filament

STIGMA: higher than anthers

**Origin and Breeding:** 'Hachbianca' originated from a cross pollination conducted by the breeder, Holger Hachmann, in Barmstedt, Germany, in June of 2010. The cross was made between the female parent variety 'Manchu' and the male parent variety 'Eisprinzessin'. The new variety was selected in June of 2014, in Barmstedt, based on its growth habit, foliage colour, flower colour and flowering period. Asexual reproduction of 'Hachbianca' was first conducted by softwood cuttings in July of 2014, in Barmstedt, Germany.

**Tests and Trials:** The detailed description of 'Hachbianca' is based on the UPOV report of Technical Examination, application number 2016/1237, purchased from the Community Plant Variety Office in Angers, France. The trials were conducted at the National Institute of Agricultural Botany in Cambridge, United Kingdom in 2017. Colour determinations were made using the 2007 Royal Horticultural Society (RHS) Colour Chart.

Comparison table for 'Hachbianca'

	'Hachbianca'	'Eisprinzessin'	'McKays White'
Colour of petal (RHS) inner side	NN155B	closest to 4D but much lighter	closest to 155A but slightly more yellow

\*reference varieties



Potentilla: 'Hachbianca'



Potentilla: 'Hachbianca'