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(12) **United States Plant Patent**
Smith(10) **Patent No.:** US PP22,514 P2
(45) **Date of Patent:** Feb. 21, 2012

- (54) **CHrysanthemum PLANT NAMED 'SYNGIGI YEL'**
- (50) Latin Name: *Chrysanthemum×morifolium*
Varietal Denomination: Syngigi Yel
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- (73) Assignee: **Syngenta Crop Protection AG**, Basel (CH)
- (*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.
- (21) Appl. No.: **12/925,038**
- (22) Filed: **Oct. 12, 2010**

- (51) **Int. Cl.**
A01H 5/00 (2006.01)
- (52) **U.S. Cl.** **Plt./289**
- (58) **Field of Classification Search** Plt./289
See application file for complete search history.

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(57) ABSTRACT

A new *Chrysanthemum* plant named 'Syngigi Yel' particularly distinguished by the small, bold yellow flowers; strong and stiff peduncles, medium green foliage, and compact and mounded plant habit.

1 Drawing Sheet

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Latin name of the genus and species of the plant claimed:
Chrysanthemum×morifolium.

Varietal denomination: 'Syngigi Yel'.

BACKGROUND OF THE NEW PLANT

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The present invention comprises a new *Chrysanthemum*, botanically known as *Chrysanthemum×morifolium*, and hereinafter referred to by the variety name 'Syngigi Yel'.

'Syngigi Yel' is a product of a planned breeding program. The new cultivar has small, bold yellow flowers, strong and stiff peduncles, medium green foliage, and compact and mounded plant habit.

'Syngigi Yel' originates as a natural whole plant mutation of 'Yogigi Snow', U.S. Pat. No. 21,783, and was discovered and selected by the inventor as a single flowering plant within a population of the parent cultivar in a controlled breeding program in Alva, Fla., in November 2004. The parent cultivar 'Yogigi Snow' has white flowers.

The first act of asexual reproduction of 'Syngigi Yel' was accomplished when vegetative cuttings were propagated from the initial selection in December 2004 in a controlled environment in Alva, Fla.

BRIEF SUMMARY OF INVENTION

Horticultural examination of plants grown from cuttings of the plant initiated in December 2004, and continuing thereafter, has demonstrated that the combination of characteristics as herein disclosed for 'Syngigi Yel' are firmly fixed and are retained through successive generations of asexual reproduction.

'Syngigi Yel' has not been observed under all possible environmental conditions. The phenotype may vary significantly with variations in environment such as temperature, light intensity and day length.

Plant Breeder's Rights for this cultivar were applied for in Canada on Oct. 30, 2009 (09-6793) and in CVPO on Jan. 29, 2010 (2010/0195). 'Syngigi Yel' has not been made publicly available more than one year prior to the filing of this application.

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The following traits have been repeatedly observed and are determined to be basic characteristics of the new variety. The combination of these characteristics distinguishes this *Chrysanthemum* as a new and distinct variety.

BRIEF DESCRIPTION OF THE PHOTOGRAPHS

The accompanying photographic drawing shows typical flower and foliage characteristics of 'Syngigi Yel' with colors being as true as possible with an illustration of this type. The photographic drawing shows a flowering potted plant of the new variety, and a close-up of the flowers.

DETAILED BOTANICAL DESCRIPTION

The plant descriptions, measurements and aforementioned photographs were taken in Gilroy, Calif. in May under natural light. These plants were grown in a greenhouse under conditions which approximate those generally used in commercial potted *Chrysanthemum* production in Gilroy, Calif. These plants used in the photograph and descriptions were about 12-14 weeks of age.

Color references are made to The Royal Horticultural Society Colour Chart (R.H.S.) 2001.

TABLE 1

DIFFERENCES BETWEEN THE NEW VARIETY 'SYNGIGI YEL' AND A SIMILAR VARIETY: 'JANICE' (U.S. Plant Pat. No. 9,817)

	'Syngigi Yel'	'Janice' (U.S. Plant Pat. No. 9,817)
Flower color:	More yellow/less gold	More gold
Flower size:	Smaller	Larger
Plant habit:	Rounded and more compact	Less round/compact

Plant:

Form, growth and habit.—Herbaceous decorative garden-type. Stems upright and outwardly spreading on short, mounded and compact plants, with strong and stiff branches.

Plant height.—About 10 cm.



UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

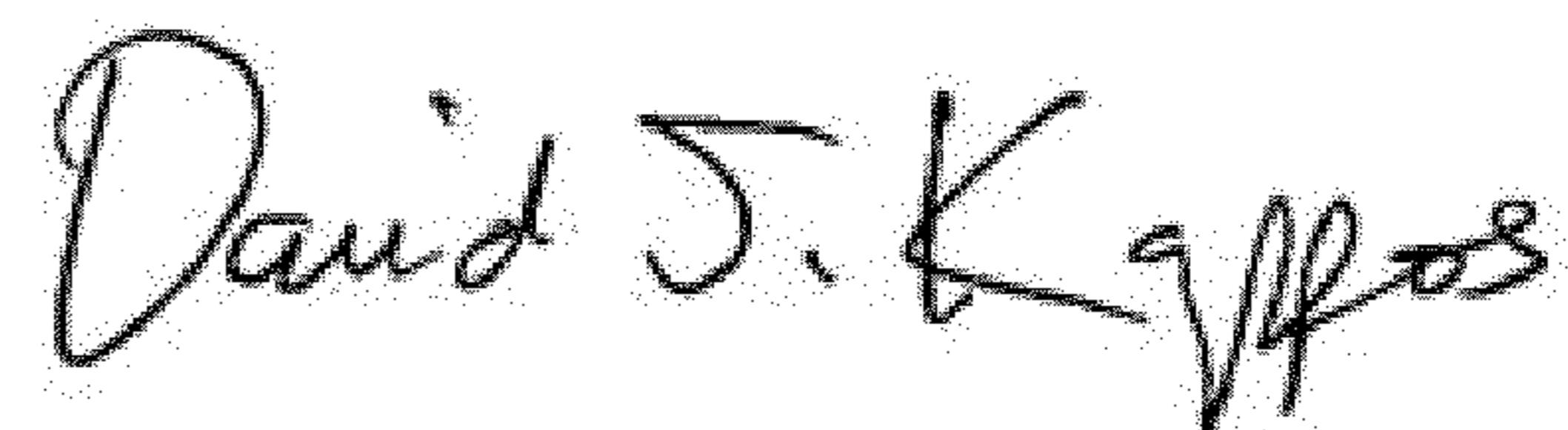
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INVENTOR(S) : Smith

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

At column 4, line 28, please delete "06." and insert therefor --0.6--

Signed and Sealed this
Third Day of April, 2012



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