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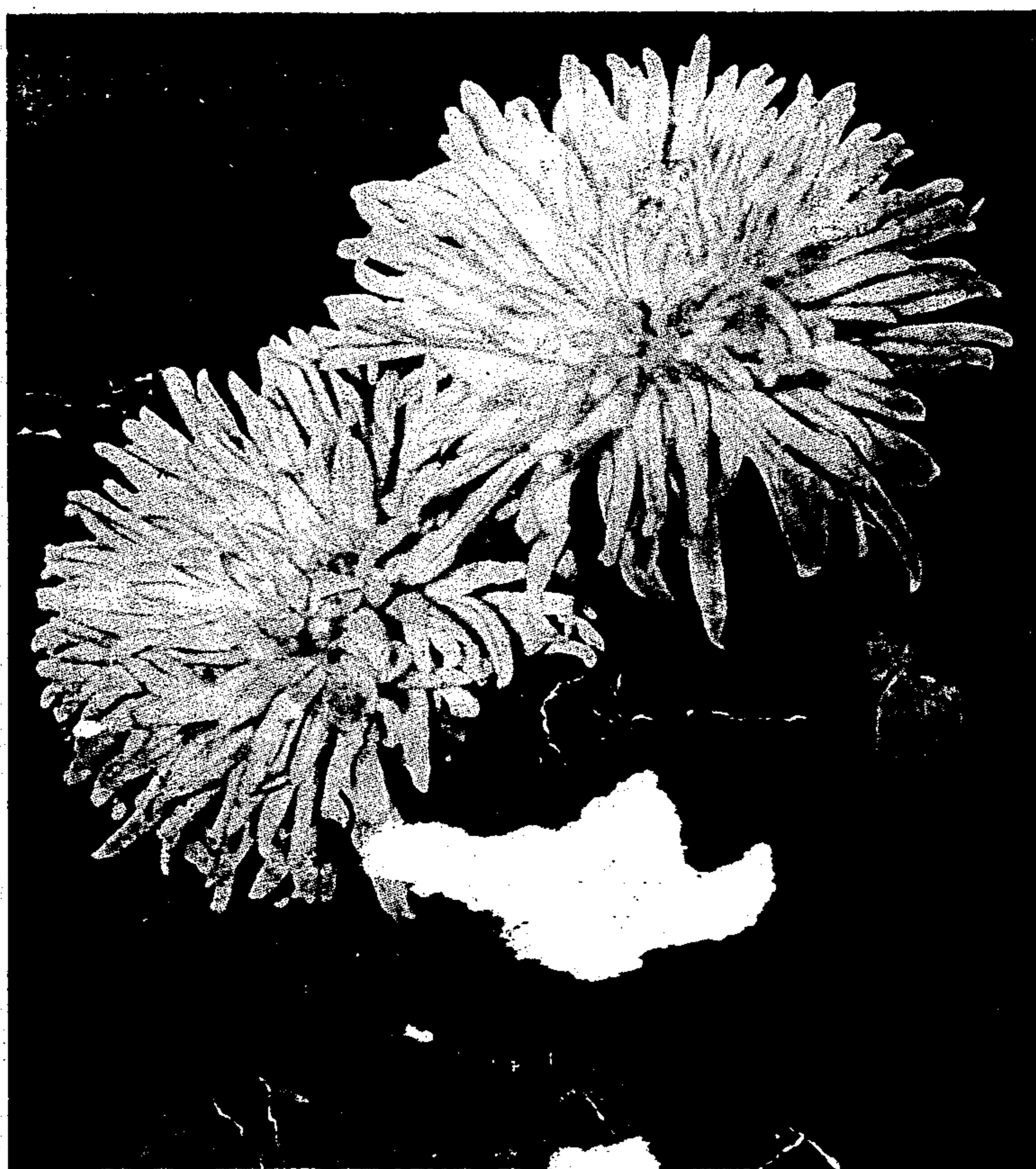
July 3, 1951

E. PRUSHEK

Plant Pat. 1,020

CHRYSANTHEMUM PLANT

Filed Feb. 14, 1950



Inventor:
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Att.

Patented July 3, 1951

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UNITED STATES PATENT OFFICE

1,020

CHrysanthemum PLANT

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Application February 14, 1950, Serial No. 144,068

1 Claim. (Cl. 47—60)

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My present invention comprises a new and distinct variety of chrysanthemum plant, the result of crossing two unnamed chrysanthemum seedlings.

The object of my invention, in general, was to produce a new variety of chrysanthemum which would be a natural disbud; that is to say, a plant which is self-pruned to a relatively few main stems so that all growth is forced into relatively fewer blooms with blooms of unusual size and quality.

In practice heretofore the larger sized chrysanthemum blooms have been accomplished, in reference to plants grown in houses, by carefully pruning the same to only one, two, or three main stems and the removal from each of the main stems of all lateral branches and buds except one flower. Thus all the growth is forced into remaining blooms, enabling the production of blooms of unusually large size. This requires skilled, timely, painstaking accomplishment under ideal conditions. This is work for which a gardener is not qualified, nor have the facilities.

A primary object of my invention has been to produce a self-pruned chrysanthemum plant which has only a relatively few main stems, fine and but relatively few, and by large blooms would result when the plants are grown in the

present new variety which I have been breeding and cross-breeding new varieties of chrysanthemums, particularly of the natural disbud or self-pruning type.

Bridization above my present new variety

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branching of my new variety at the ground and above is associated with less branching, stooling or sprout making below ground.

In plant and flower form my new variety somewhat resembles the variety "Granny Coville" (unpatented).

In reference to the color of its blooms, my new variety is unique, being of close ancestors, the color of which were white or bronze. My new variety has blooms which are of cactus dahlia but my new variety is unlike the present "mum" (unpatented), which is a dwarf, compact, many branched plant, with many small blooms.

The maroon Rose color of the blooms of my variety is distinctive, and the size of the blooms is unusually large, the same averaging up to 5" in diameter when fully expanded, in reference to plants of my new variety grown in the region of Niles, Michigan.

The accompanying drawing forming a part hereof illustrates typical blooms of my new variety chrysanthemum.

My new variety has been found to retain its distinctive characteristics through successive generations of reproduction, my new variety having been reproduced by top cuttings and by division.

There is a detailed description of my new variety of chrysanthemum plant, the color references being to the horticultural chart of the British Colour Council:

Classification: Botanic—*Chrysanthemum hortorum*.

Flower

Blooming habit: Blooms midseason, sparsely. Continuous, in the Fall. Natural disbud or self-pruning type.

Bud:

Size.—Medium.

Form.—Globular. Not affected by wet weather. Only affected by hot weather as normal for chrysanthemums. First buds will wither and not develop if extremely hot.

Color: Sepals first divide; when petals unfurl; when half blown, inside of petals—all 530/1 Amaranth

—Medium, rough, medium green, erect, slender.

—Blooms well and is not affected by conditions.

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Bloom:

Size.—Very large. Average size when fully expanded: $4\frac{1}{2}$ to 5" across. Borne several together.

Stems.—Medium, in length and normally strong.

Form.—Like a cactus dahlia.

Petalage.—Very double, stamens nearly all evolve into petals.

Color.—Center of flower: When open flower seen from above, center petals tipped with 507/2 Orange Buff. Outer petals, base of petals, inside of petals, reverse of petals, and general tonality from a distance, all 530/1 Amaranth Rose.

Petals: Not affected by wet weather. Petals fade some if weather extremely hot.

Fragrance.—Characteristic chrysanthemum.

Genital organs:

Stamens, anthers.—Few. Color—yellow. 20 Arrangement—regular around styles, one to each style in a composite flower.

Stamens, filaments.—Medium. Color—mon yellow. Pollen—lemon yellow. Styles—columnar and even in length; medium thin.

Stigmas.—Yellow.

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Plant

Form: Bush.

Growth: Vigorous, upright.

Foliage:

Color.—New foliage: upper side—00962 Parsley Green; under side—00962/2 Parsley Green.

Color.—Old foliage: upper side—00962 Parsley Green; under side—00962/2 Parsley Green.

Shape.—Lanceolate.

Texture.—Leathery (upper side) under side—rough. Ribs and veins.

Edge.—Serrated.

Serration.—Large, deep.

Leaf stem.—Green in color.

Disease resistance.—Disease free.

I claim:

A new and distinct variety of chrysanthemum plant substantially as herein disclosed, characterized as to novelty by its self-pruning habit of growth, the large size of its blooms, the cactus dahlia shape of its blooms, and the Amaranth Rose color of its blooms.

EMIL PRUSHEK.

No references cited.

