

March 5, 1935.

P. C. MOHN

Plant Pat. 124

ORANGE TREE

Filed Dec. 11, 1934

Fig. 1.

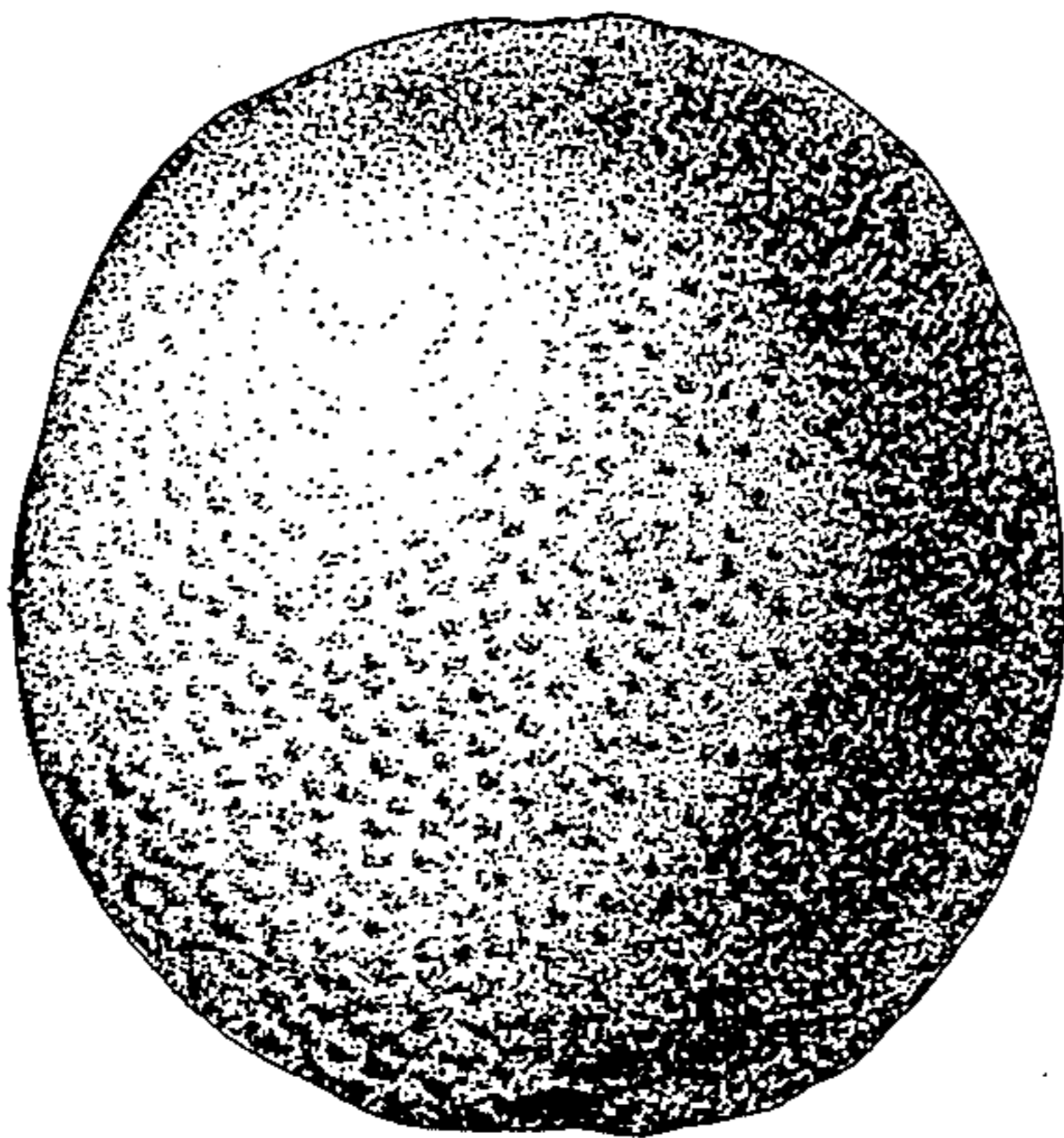


Fig. 2.

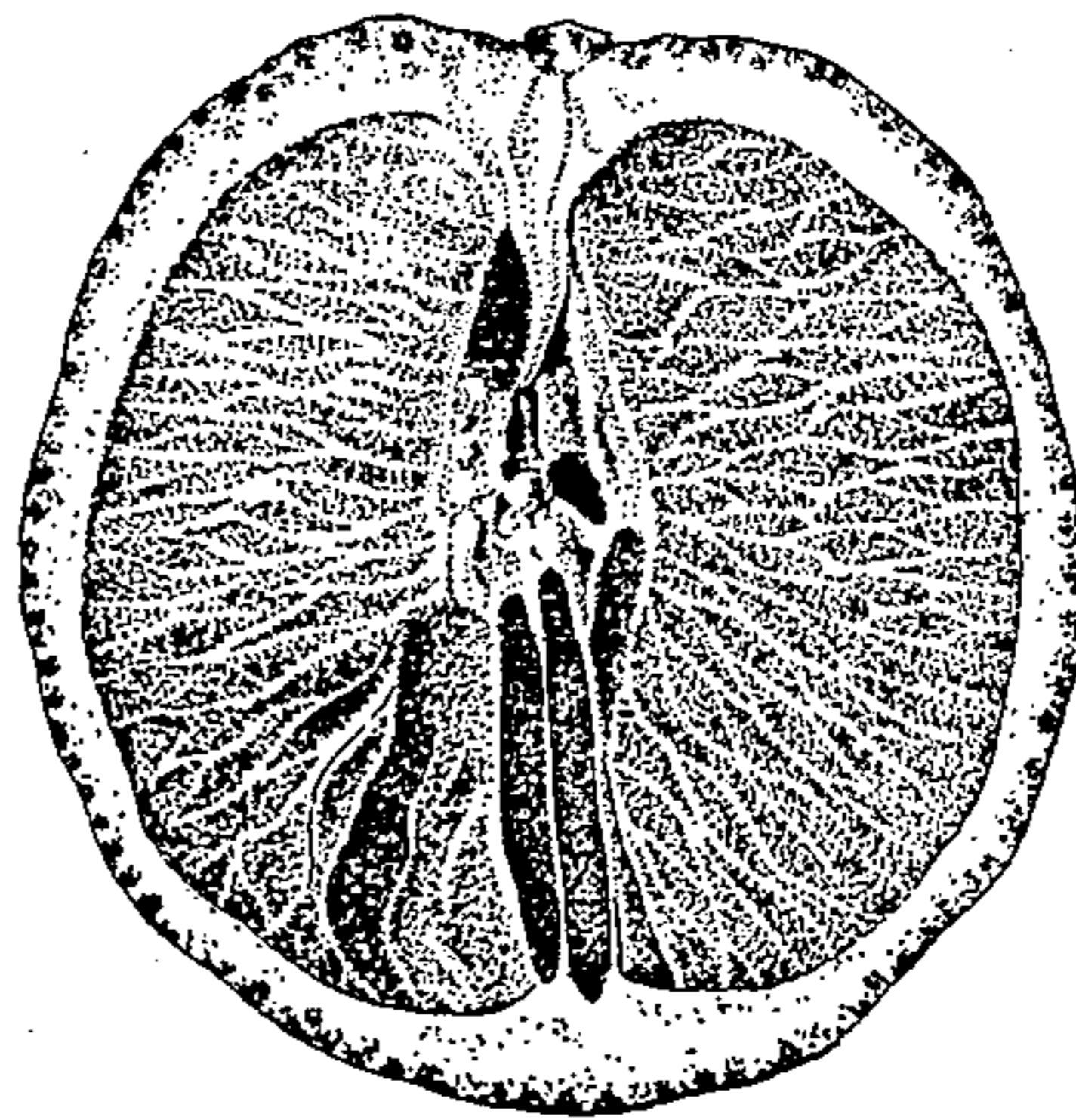
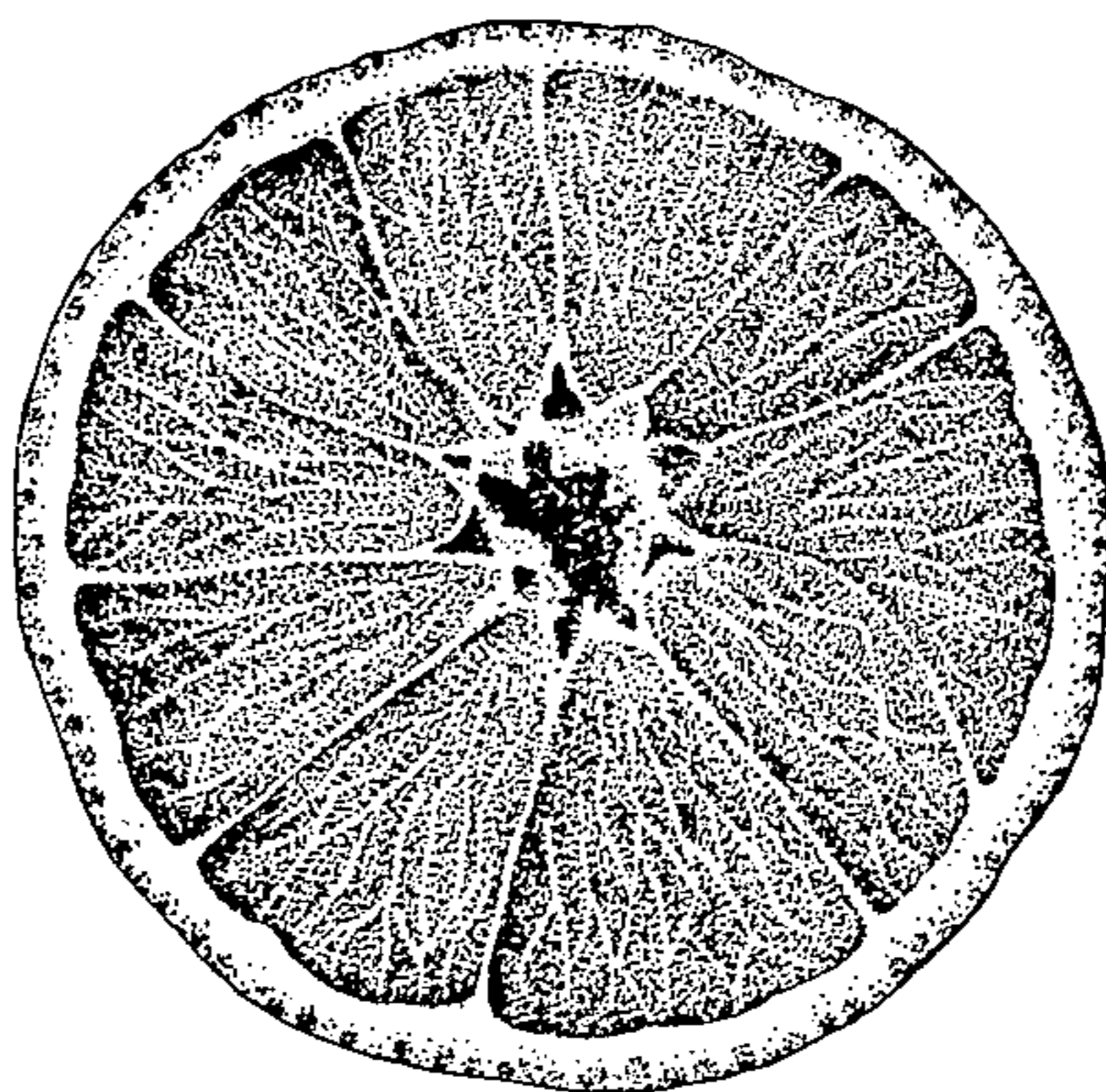


Fig. 3.



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UNITED STATES PATENT OFFICE

124

ORANGE TREE

Pearl C. Mohn, Anaheim, Calif.

Application December 11, 1934, Serial No. 757,030

1 Claim. (Cl. 47—62)

The present discovery relates to orange trees and especially to a new and distinct variety of orange tree originated as a bud sport or mutation occurring in a tree in my orchard of the well known variety of Valencia oranges, and propagated by budding or grafting.

This new variety of orange discovered and propagated by me resembles the Valencia variety in fruit and tree characteristics except that the fruit is seedless and my new variety is somewhat more vigorous, and improved as to eating quality. It is here noted that the normal Valencia orange has approximately four to eight seeds each as distinguished from the unvarying seedlessness of my new variety.

Observation of the new characteristics above referred to over a number of consecutive seasons definitely indicates that said characteristics are permanent.

The accompanying illustration represents some of the fruit of my new variety, the foliage and wood of the tree being omitted as they do not form novel features of the new variety and correspond to those of the known Valencia.

Fig. 1 is a side elevation and Figs. 2 and 3 longitudinal and transverse sections, respectively.

The following is a detailed description of this new variety of orange tree:

Tree

Large—vigorous—spreading—open top—productive—regular bearer.

Trunk stocky.

Branches stocky—much divided—lacking on old wood—new wood vegetative growth (suckers) slight.

Leaves medium thickness—large—dense—dark green—unifoliate—crenate—elliptical—bluntly pointed; petioles narrowly winged.

Flowers normally bloom in March or April—solitary.

Fruit

Size uniform; circumference from 6 to 12 inches; diameter from 2 to 3½ inches.

Form uniform—symmetrical—regular—globose. 5

Base: rounded; smooth.

Apex: slightly depressed or even truncate.

Navel: wanting.

Stem medium size; medium slenderness; light green color; position straight. 10

Calyx even; segments 5 in number; acute.

Rind adherent to pulp; close early and late in season; surface smooth.

Thickness about $\frac{3}{16}$ inch. 15

Flavor very good.

Color orange; Bloom abundant.

Oil cells small—even.

Segments number 11 to 13; Size uniform; Dorsal surface rounded; Segment walls thin—tender. 20

Flesh color:

Texture fine—tender.

Rag in flesh medium; Vesicles long—broad;

Form spindle. 25

Juice abundant—evenly distributed in section.

Color orange.

Flavor subacid—rich.

Quality best. 30

Seeds, wanting.

Pith almost solid; Thickness $\frac{3}{8}$ inch.

Season same as Valencia variety under comparable conditions.

Keeping quality good. 35

Shipping quality good.

Resistance to diseases good.

I claim:

A new and distinct variety of orange tree as described, characterized by the seedlessness of its fruit, as shown. 40

PEARL C. MOHN.