



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

(10) **Patent No.:** **US PP19,849 P3**
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(54) **PEAR TREE NAMED ‘TODD’**

(50) Latin Name: *Pyrus communis*
Varietal Denomination: **Todd**

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(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 0 days.

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2006.

(51) **Int. Cl.**
A01H 5/00 (2006.01)

(52) **U.S. Cl.** **Plt./176**

(58) **Field of Classification Search** Plt./176
See application file for complete search history.

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(57) **ABSTRACT**

A new and distinct pear tree named ‘Todd’ is disclosed. The
new pear is a limb sport of ‘Bosc’ and is notable for its large,
russeted fruit.

4 Drawing Sheets

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Latin name of the genus and species of the plant claimed:
Pyrus communis.
Variety denomination: ‘Todd’.

BRIEF DESCRIPTION OF THE PHOTOGRAPHS

FIG. 1 shows blossoms of the ‘Todd’ pear tree;
FIG. 2 shows the ‘Todd’ pear tree in bloom;
FIG. 3 shows fruit of the ‘Todd’ pear tree;
FIG. 4 shows fruit of the ‘Todd’ pear tree; and
FIG. 5 shows a sectioned fruit of the ‘Todd’ pear tree.

BRIEF DESCRIPTION OF THE VARIETY

The new cultivar ‘Todd’ originated as a limb sport muta-
tion of ‘Bosc’ pear (not patented). It was discovered by the
inventor in 1997 in a cultivated orchard at Entiat, Wash. and
was first asexually propagated at Entiat in 2000. ‘Todd’ was
further asexually propagated by budding at Parker, Wash.,
and has been shown to remain true to type over successive
generations.

‘Todd’ is distinguishable from its parent and from other
known Bosc-type varieties primarily by its large fruit.

**DETAILED BOTANICAL DESCRIPTION OF THE
VARIETY**

The following detailed botanical description is based on
observations made during the 2005 and 2007 growing sea-
sons at Parker, Wash. The described trees were grown on
Bartlett seedling rootstock, and were planted in 2003. All
colors are described according to The Royal Horticultural
Society Colour Chart. It should be understood that the char-
acteristics described will vary somewhat depending upon
cultural practices and climatic conditions, and can vary with
location and season. Quantified measurements are expressed
as an average of measurements taken from a number of indi-
vidual plants of the new variety. The measurements of any
individual plant, or any group of plants, of the new variety
may vary from the stated average.

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Tree: Vigor — Moderate; Habit — Semi-erect; Size —
Height 220 cm, spread 162 cm; Trunk — Diameter at soil
level 8.7 cm, diameter at graft union 11.5 cm; Bark
texture — rough near bottom, smoother above; Bark
color — under color greyed-orange 175B, over color
greyed-purple N187D.

Branch: Size — Length 91.2 cm, diameter 1 cm at base, 0.5
cm at tip; Crotch angle — 60°; Color — greyed-orange
176C.

10 Dormant one-year-old shoot: Pubescence — smooth;
Size — diameter 0.4 cm, length 21 cm; Color — greyed-
green 197A; Internode length — 2.5–3 cm; Lenticels —
quantity 10 per square inch, color orange-white 159A,
diameter 0.1 cm.

15 Flower: Bud — 6 per spur, round, length 1 cm, diameter 0.8
cm; color body white N155D, tip white N155D;
Flower — diameter 3 cm, depth 1 cm; Petals — margin
smooth, not touching, apex rounded, base equilateral,
length 1.5 cm, width 1 cm, upper surface color white
N155D, lower surface color white N155D; Pedicel —
20 length 2 cm, diameter 1 cm, color yellow-green 149A;
Sepals — 5 per flower, length 6 mm, color yellow-green
N144D; Stigma — length 0.1 cm, color greyed-orange
166A; Style — length 0.8 cm, color white 155B; Ovary —
length 0.5 cm, width 0.4 cm, color yellow-green 149A;
25 Pistil — color white 155A, tip color greyed-orange 166A;
Anthers — 20 per flower, 0.1 cm; Filament — length 0.5
cm; Pollen — color yellow 3B, semi-abundant; Bloom
period — first bloom April 7, full bloom April 12; Pollen-
30 izers — ‘Bartlett’ or other pear variety that pollinizes
‘Bosc’ type varieties.

Leaf: Attitude in relation to shoot — upward; Size — length
8.0 cm, width 5.5 cm, length to width ratio 3:2; Shape —
ovate, apex acuminate, base equilateral, margin smooth;
35 Color — upper and lower surface yellow-green 146C;
Petiole — length 4.5 cm; diameter 0.2 cm; color yellow-
green 154D.

Fruit: Size — very large, diameter 10.5 cm at widest point,
length 12.0 cm; Shape — Oblong pyriform; Position of
maximum diameter — lower half; Color — Ground color

yellow-green 152C, overcolor greyed-orange 163A, fully russeted; Eye — depth 0.5 cm, width 0.5 cm; Stalk — length 2.0 cm, diameter 0.5 cm at base, 1.0 cm at end, color greyed-orange 165A; Lenticels — present, diameter 0.1 cm; Flesh — firm, crisp, coarse, not gritty, medium juicy, sweet, color white 155B; Seeds — about 5 per fruit, oval, width 0.4 cm, length 1.0 cm, color greyed-purple 187A; Attractive fruit, good eating quality.

Yield: Heavy.
Use: Fresh market.
Resistance/tolerance to known pests/diseases: None noted.
Storageability: About 3 months in common storage.
What is claimed is:
1. We claim a new and distinct pear tree substantially as shown and described herein.

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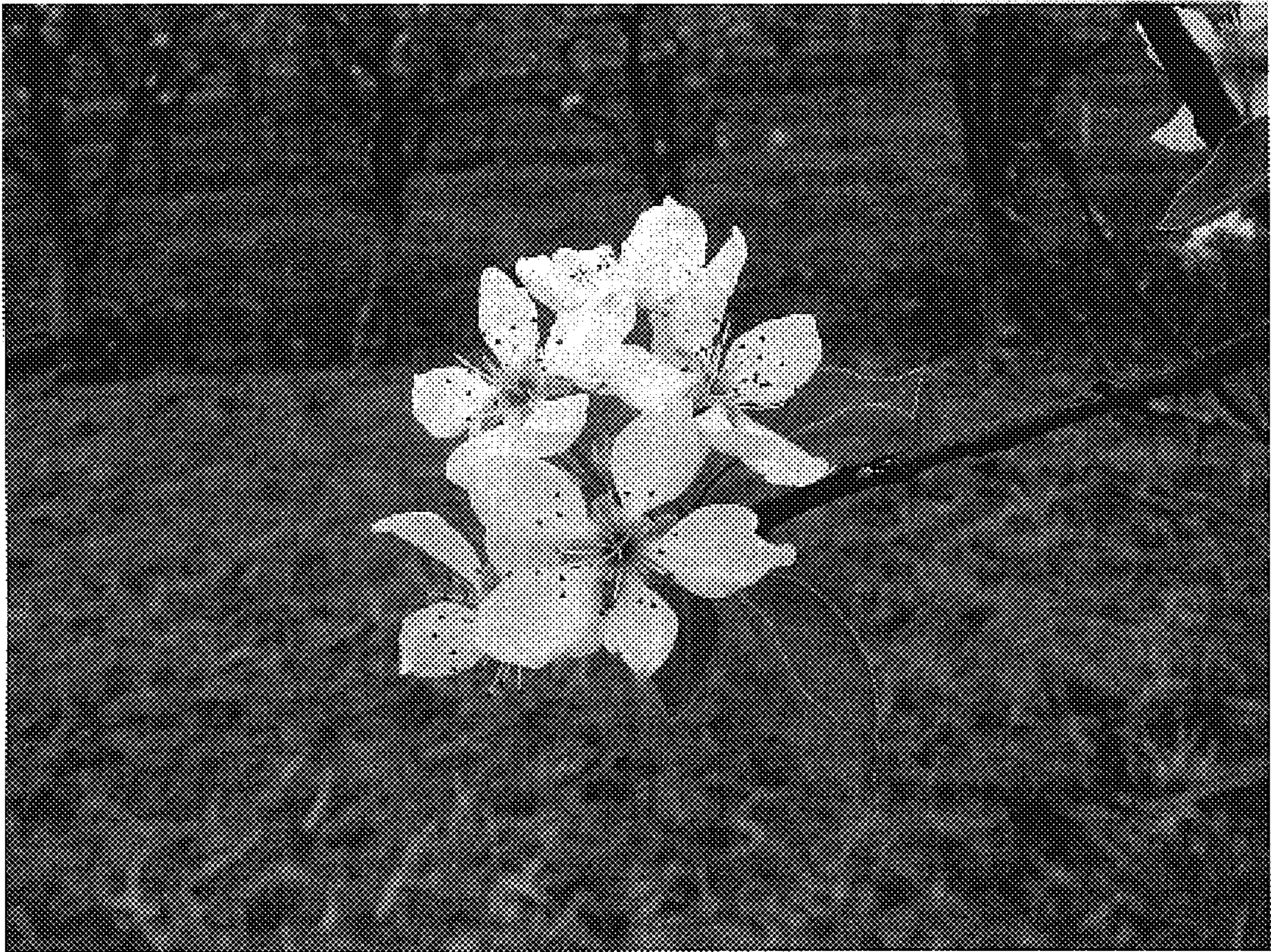


FIG. 1



FIG. 2



FIG. 3



FIG. 4

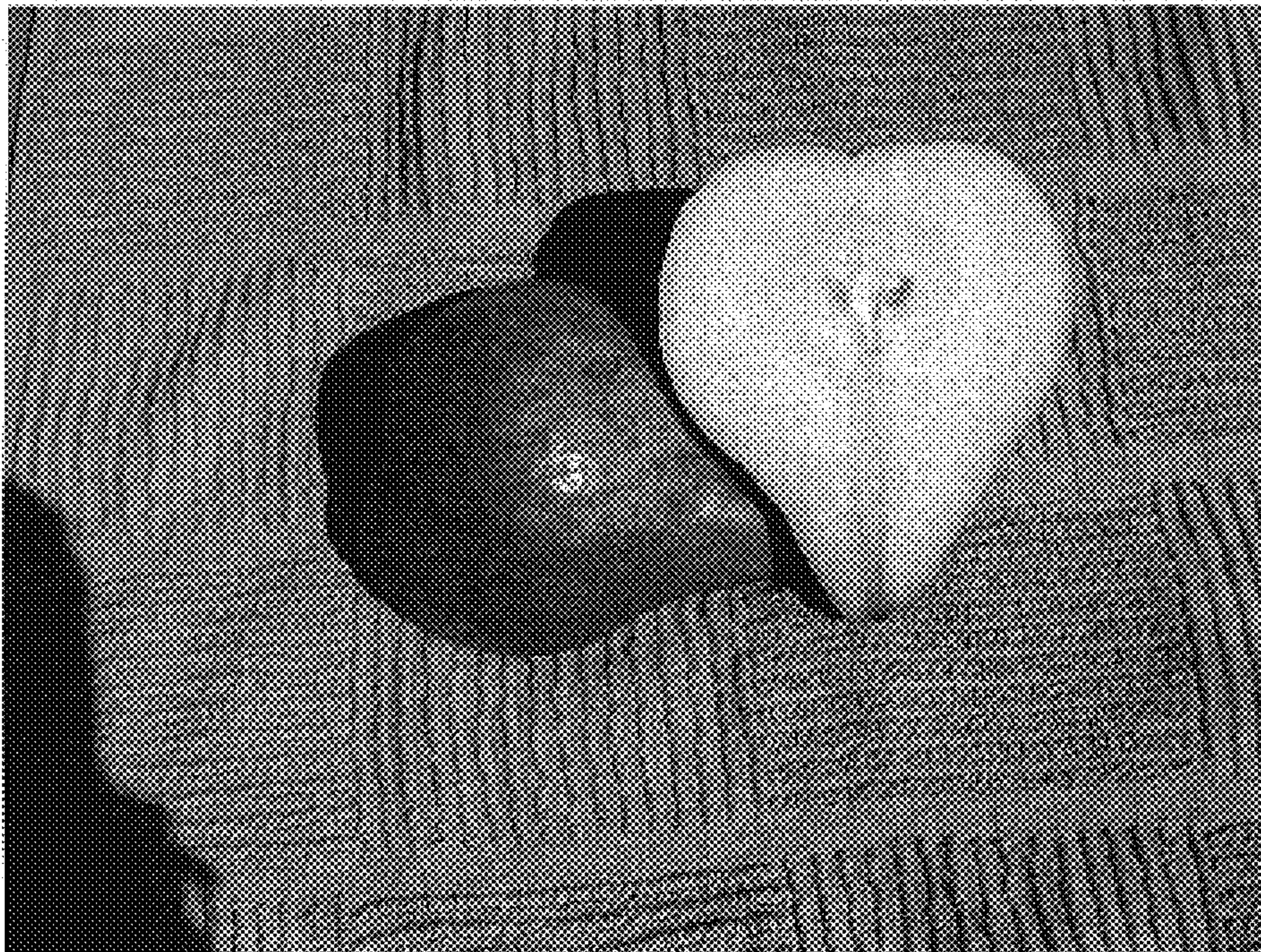


FIG. 5