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

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(54) **MANDEVILLA PLANT NAMED**  
**'TSURUHANBESTPINKI-1'**

(50) Latin Name: *Mandevilla Sanderi*  
Varietal Denomination: **Tsuruhanbestpinki-1**

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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.

(21) Appl. No.: **12/458,644**

(22) Filed: **Jul. 17, 2009**

(65) **Prior Publication Data**

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

(52) **U.S. Cl.** ..... **Plt./232**

(58) **Field of Classification Search** ..... **Plt./232**  
See application file for complete search history.

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(57) **ABSTRACT**

A new and distinct *Mandevilla* plant named 'Tsuruhanbestpinki-1' of upright and vining plant habit, relatively small glossy foliage, freely branching habit, freely flowering habit, and being in full flower around Mother's Day as illustrated.

**5 Drawing Sheets**

**1**

Latin name: *Mandevilla sanderi*.

Varietal denomination: 'Tsuruhanbestpinki-1'.

This application claims priority of Japanese application for variety registration no. 22770, filed on Jul. 17, 2008. All content of the application is incorporated herein by reference.

**BACKGROUND OF THE INVENTION**

In May, 2003, to obtain this variety, a pink-based nameless variety of a culture line possessed by Applicant was crossbred with mixed pollens of nameless varieties of a culture line possessed by Applicant in a farm owned by Applicant in the town of Yusui-cho, Aira-gun, Kagoshima Pref., Japan. The pink-based nameless variety has a longer distance between joints in a stalk and a larger number of blooming flowers compared to 'Tsuruhanbestpinki-1'. Each of the nameless varieties has a longer distance between joints in a stalk but with many branches.

In February, 2004, after the above crossbreeding, a plant was grown and a resultant seed was planted into a soil on the farm to grown (germinate) and then bloom. This planting was carried out with the expectation that some varied plants could be obtained.

In April, 2005, from several hundreds of the flowering plants obtained by the above planting, one compact individual plant having a shorter distance between joints in a stalk and extremely larger number of blooming flowers appears. Then, to obtain a compact plant variety having a shorter distance between joints in a stalk and being extremely easy to bloom, the above compact individual plant was selected and a branch (stem) thereof was removed and inserted in a soil to be grown (cutting, i.e., vegetative reproduction) and such a vegetative reproduction was repeated for propagation.

In June, 2006, the culture was completed after ensuring uniformity and stability. In other words, it was confirmed that the compact plant variety having a shorter distance between joints in a stalk and being extremely easy to bloom can be obtained with uniformity and stability, the above repetition was completed.

**SUMMARY OF THE INVENTION**

1. Upright and vining plant habit.
2. Relatively small glossy foliage.

**2**

3. Freely branching habit.
4. Freely flowering habit.
5. Being in full flower around Mother's Day.

**BRIEF DESCRIPTION OF THE PHOTOGRAPHS**

The accompanying colored photographs illustrate the overall appearance of the new cultivar, showing the colors as true as it is reasonably possible to obtain in colored reproductions of this type. Colors in the photographs may differ slightly from the color values cited in the detailed botanical description which accurately describe the actual colors of the new *Mandevilla*.

FIG. 1 is a panoramic view of the cultivation area, wherein the plants are 28 months old.

FIG. 2 is a close-up view of the plant's flower, wherein the plant is 7 months old.

FIG. 3 is a diagrammatic view of the plant's flower, wherein some petals are removed so that a color of the inner side surrounded by petals and colors and shapes of the stamen and pistil can be seen.

FIG. 4 is a view of another plant variety for comparison, the other variety's name being 'Peach mini of Sun parasol'. It is considered that 'Lipgalpinkylash 2' is the most similar variety to 'Tsuruhanbestpinki-1'. The characteristics table for 'Lipgalpinkylash 2' filed in a Japanese plant variety application is attached herewith for reference.

FIG. 5 is a view of two plants of the other plant variety for comparison, the other variety's name being 'Peach mini of Sun parasol'. It is considered that 'Lipgalpinkylash 2' is the most similar variety to 'Tsuruhanbestpinki-1'. The characteristics table for 'Lipgalpinkylash 2' filed in a Japanese plant variety application is attached herewith for reference.

**DETAILED BOTANICAL DESCRIPTION**

In the following description, color references are made to Japan Horticulture Standard Color Chart, edited as the 2nd print, resale on Sep. 10, 1997, except where general terms of ordinary dictionary significance are used. Plants used for the aforementioned photographs and following description were grown under conditions which closely approximate commer-



cial production conditions during the early summer in a polyethylene covered greenhouse in the town of Yusui-cho, Airagun, Kagoshima Pref. in Japan. During the production of the plants, day temperatures averaged 26° C., and night temperatures averaged 14° C.

Propagation:

*Type*.—By vegetative cuttings.

*Time to initiate roots*.—About three weeks at 23° C. to 26° C.

*Time to produce a rooted young plant*.—About 40 days at 23° C. to 26° C.

*Root description*.—Fibrous, fleshy, white in color.

*Rooting habit*.—Freely branching.

Plant description:

*Form*.—Perennial — Upright and vining plant habit.

Compact growth habit.

*Plant height*.—About 54 cm.

*Lateral branch description*.—Length: About 54 cm.

Diameter: About 3 mm. Internode length: About 2 cm.

Strength: Strong. Texture: Smooth, glabrous. Color, young: Close to Color Chart No. 3307. Mature: Close to Color Chart No. 1309.

Foliage description:

*Arrangement*.—Opposite, simple.

*Length*.—About 6.2 cm.

*Width*.—About 3.5 cm.

*Shape*.—Long elliptic.

*Apex*.—Cuspidate.

*Base*.—Circular.

*Margin*.—Entire.

*Texture, upper and lower surfaces*.—Smooth, glabrous.

*Luster, upper and lower surfaces*.—Glossy.

*Venation pattern*.—Pinnate, reticulate.

*Color*.—Developing foliage, upper surface: Close to

Color Chart No. 3508. Developing foliage, lower surface: Close to Color Chart No. 3508. Fully expanded

foliage, upper surface: Close to Color Chart No. 3509,

Venation, Close to Color Chart No. 3507. Lower surface: Close to Color Chart No. 3508, Venation, Close

to Color Chart No. 3508.

*Petiole length*.—About 1.3 cm.

*Petiole diameter*.—About 0.1 cm.

*Petiole texture, upper and lower surfaces*.—Sparsely

pubescent.

*Petiole color, upper and lower surfaces*.—Close to Color

Chart No. 3507.

Flower description:

*Flower type and habit*.—Single salverform flowers;

flowers racemose; flowers face mostly outwardly,

freely flowering habit, about five flowers per inflores-

cence.

*Natural flowering season*.—Long flowering period;

Fully flowering from late spring to early summer in

Japan; Rarely flowering in midsummer, and then be in

a flowering period again in late autumn.

*Flower longevity on the plant*.—About ten to fourteen

days. Flowers not persistent.

*Fragrance*.—Not detected.

*Inflorescence length*.—9.5 cm.

*Inflorescence diameter*.—8.0 cm.

*Flowers*.—Appearance: Flared trumpet, corolla fused, five-parted; petals slightly imbricate; flowers roughly star-shaped. Diameter: 8.0 cm. Depth (length): 9.5 cm. Throat diameter: About 1.8 cm. Tube length: About 5.5 cm. Tube diameter, mid-section: 2.0 cm. Tube diameter, base: About 3 mm.

*Flower buds*.—Height: About 7.5 cm. Diameter: About 1.3 cm. Shape: Lenticular. Color: Close to Color Chart No. 9704.

*Corolla*.—Arrangement/appearance: Single whorl of five petals, fused into flared trumpet; petals slightly imbricate. Petal length: About 3.5 cm. Petal width: About 2.5 cm. Petal shape: Spatulate. Petal apex: Acuminate. Petal margin: Entire. Petal texture, upper and lower surfaces: Smooth, glabrous; velvety. Color: Petal, when opening and fully opened, upper surface: Close to Color Chart No. 9504; Lower surface: Close to Color Chart No. 0103.

*Sepals*.—Arrangement/appearance: Five per flower in a single whorl; fused. Length: About 10 mm. Width: About 4 mm. Shape: Lanceolate. Apex: Acute. Margin: Entire. Texture, upper and lower surfaces: Smooth, glabrous. Color, immature, upper and lower surfaces: Close to Color Chart No. 3504; towards the apex, close to Color Chart No. 3504. Color, mature, upper and lower surfaces: Close to Color Chart No. 3504; towards the apex, close to Color Chart No. 3504.

*Peduncles*.—Length: About 8.0 cm. Diameter: About 3.5 mm. Texture: Smooth, glabrous. Strength: Flexible, but strong. Color: Close to Color Chart No. 3507.

*Pedicels*.—Length: About 2.2 cm. Diameter: 3 mm. Texture: Smooth, glabrous, flexible, but strong. Color: Close to Color Chart No. 3507.

*Reproductive organs*.—Stamens: Quantity/arrangement: Typically five; filament fused to corolla; anthers, connivent. Anther shape: Elliptic. Anther size: About 8 mm by 1 mm. Anther color: Close to Color Chart No. 2505. Pollen amount: Scarce. Pollen color: Close to Color Chart No. 2506. Pistils: Quantity: Typically one. Pistil length: About 2.2 cm. Stigma shape: Conical. Stigma color: Close to Color Chart No. 3506. Ovary color: Close to Color Chart No. 3506.

*Seed/fruit*.—Seed and fruit production has not been observed. Disease/pest resistance: Plants of the new *Mandevilla* have not been noted to be resistant to pathogens and pests common to *Mandevilla*.

Temperature tolerance: Plants of the new *Mandevilla* have been observed to tolerate temperatures from about 5° C. to about 37° C.

The 'Tsuruhanbestpink-1' is compact having a shorter distance between joints in a stalk and slow to grow but extremely easy to bloom. Contrary thereto, the 'Tsukiaripink 6030' (U.S. application Ser. No. 12/588,096) has a slight line on each petal, deeper color and more petals in a cluster, and grow earlier than the 'Tsuruhanbestpink-1'.

What is claimed is:

1. A new and distinct *Mandevilla* plant named 'Tsuruhanbestpink-1' as illustrated and described.

\* \* \* \* \*





Figure 1





Figure 2



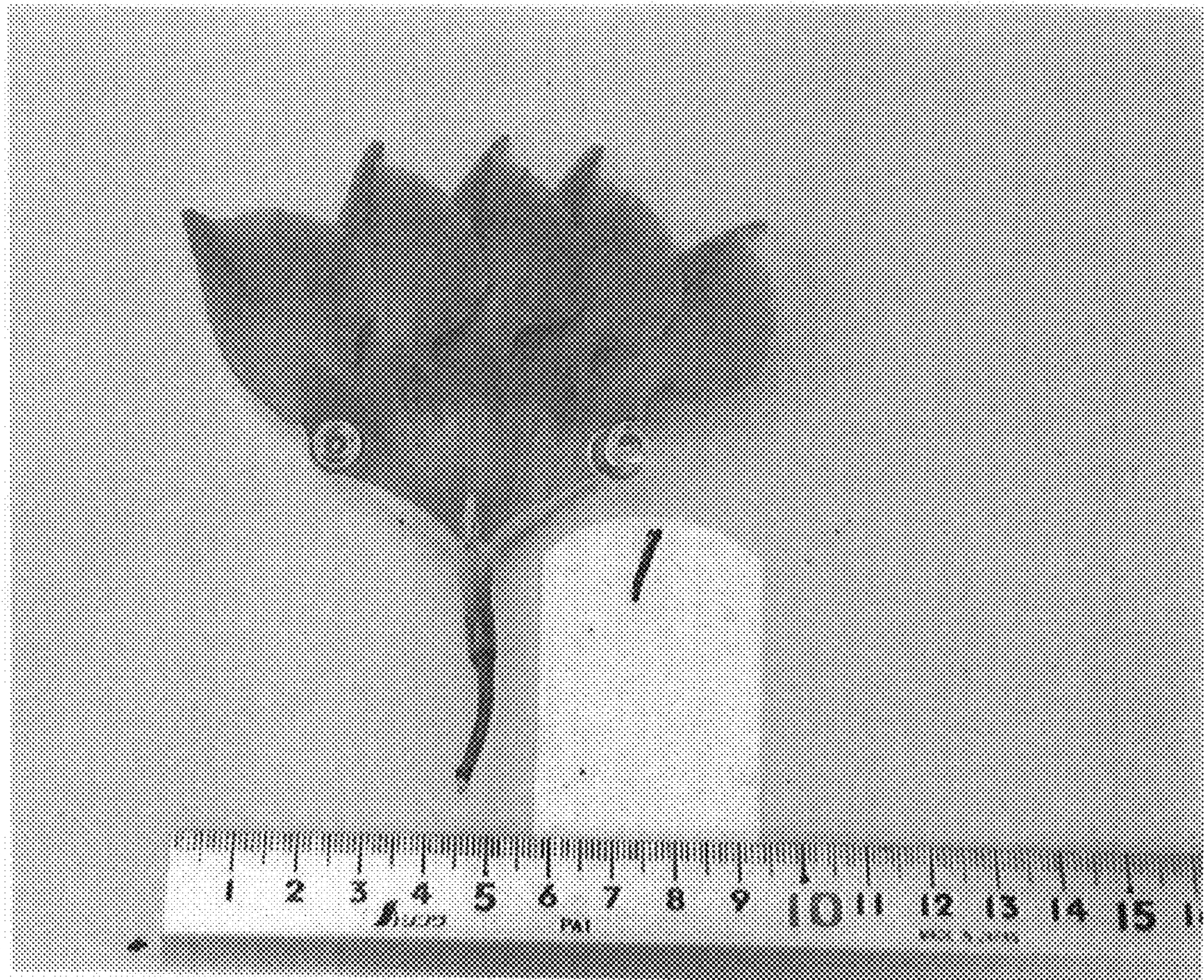


Figure 3



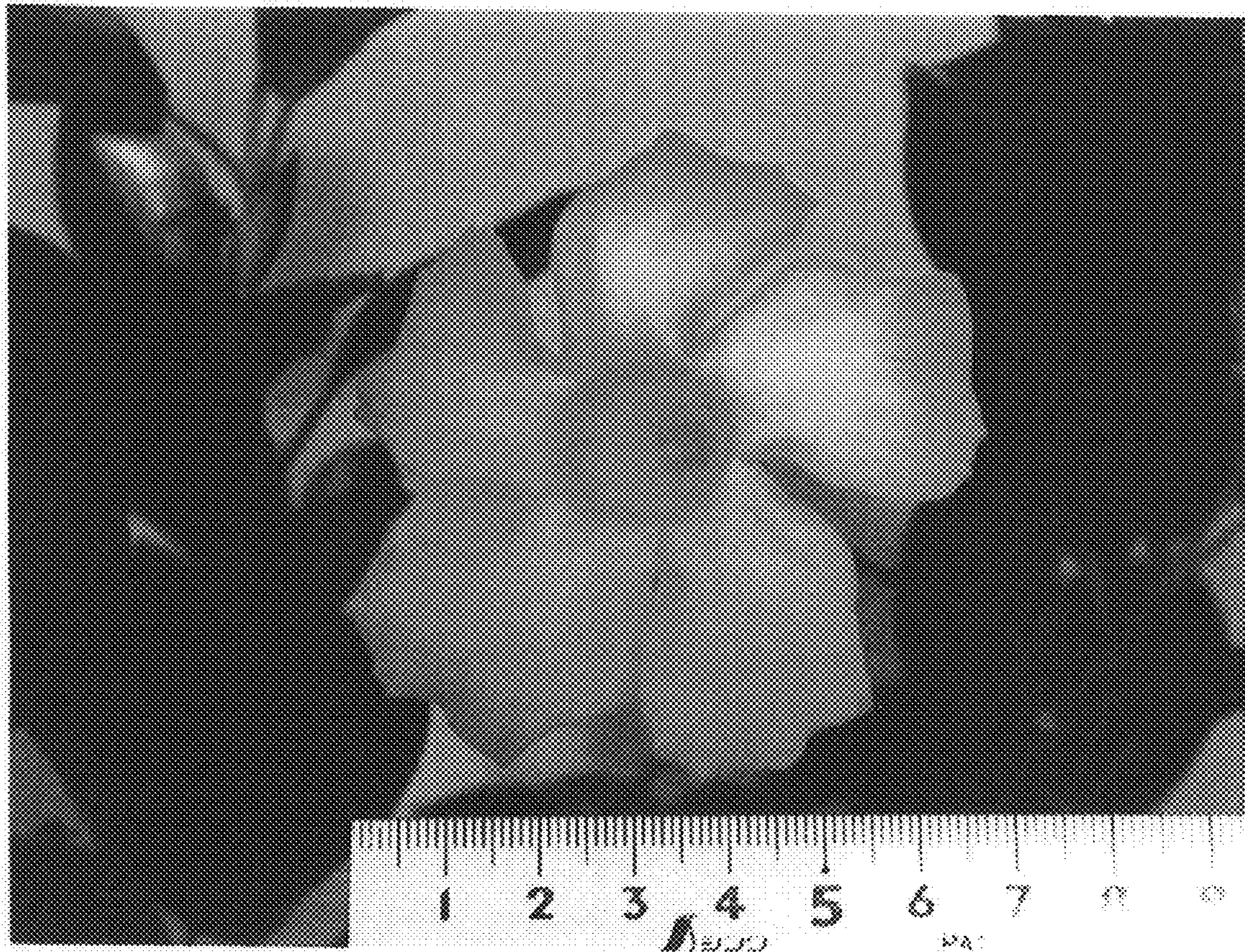


Figure 4





Figure 5