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(12) United States Design Patent (10) Patent No.:

US D497,669 S ** Oct. 26, 2004 (45) Date of Patent: Blanco

SAFETY TROCAR WITH PROGRESSIVE (54)**CUTTING TIP GUARDS AND GAS JET** TISSUE DEFLECTOR

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14 Years Term:

(21) Appl. No.: 29/144,096

Jun. 27, 2001 (22)Filed:

Related U.S. Application Data

Division of application No. 09/598,453, filed on Jun. 21, (62)2000.

(51)

U.S. Cl. D24/146 (52)

(58)D24/140, 130; 606/185, 169, 167, 170, 184; 604/164.06, 164.01, 264, 164.11

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CLAIM (57)

The ornamental design for a safety trocar with progressive cutting tip guards and gas jet tissue deflector, as shown and described.

DESCRIPTION

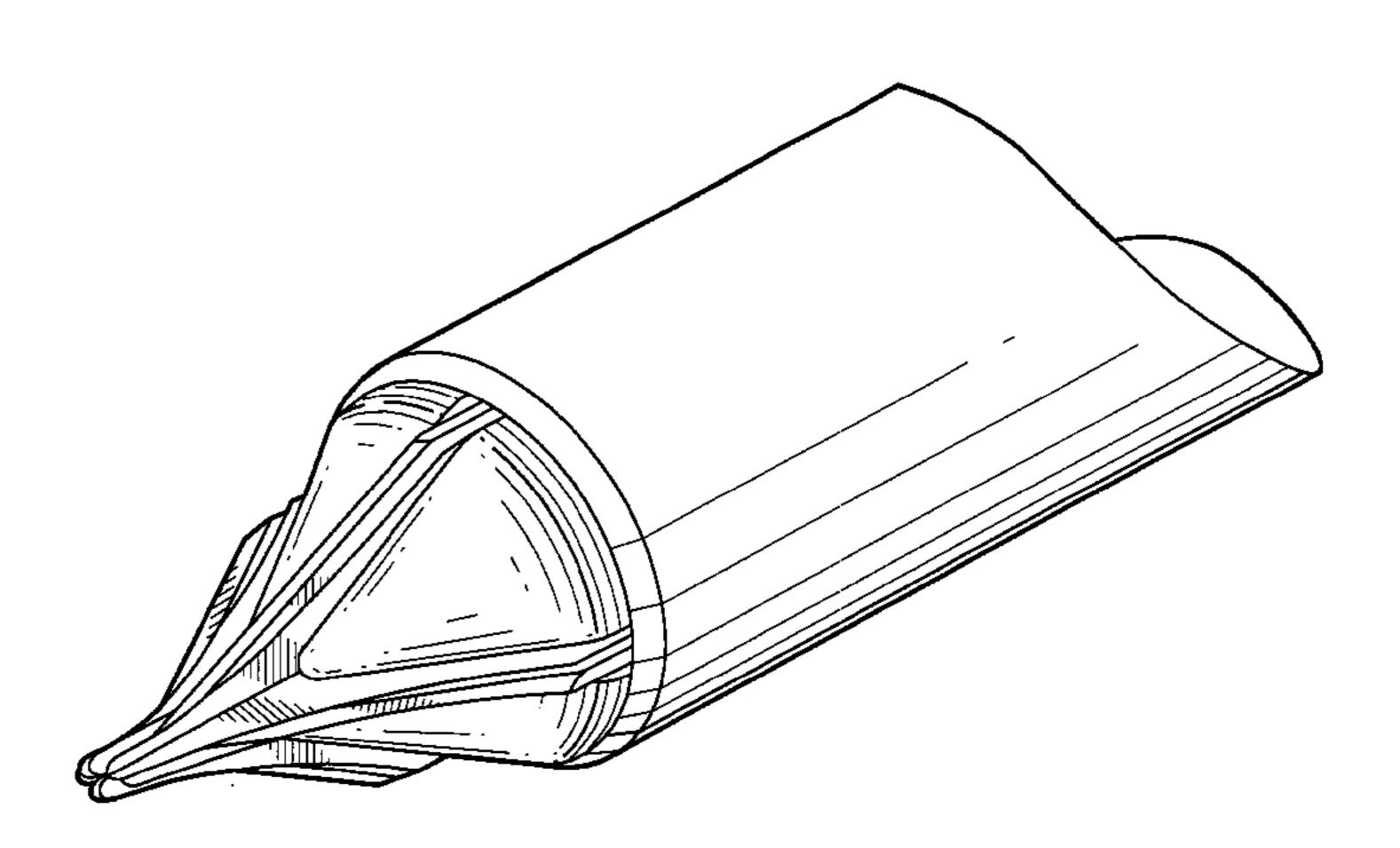
FIG. 1 is a perspective view as seen from the top, front right side, of a safety trocar with progressive cutting tip guards and gas jet tissue deflector showing my design, the bottom, left and front perspective view being a mirror image thereof, wherein the cutting blade is shown in a guarded position;

FIG. 2 is a perspective view as seen from the top, front right side thereof, the bottom, left and front perspective view being a mirror image thereof, wherein the cutting blade is shown in a partially exposed position;

FIG. 3 is a perspective view as seen from the top, front right side thereof, the bottom, left and front perspective view being a mirror image thereof, wherein the cutting blade is shown in a fully exposed position, with the guards retracted; and,

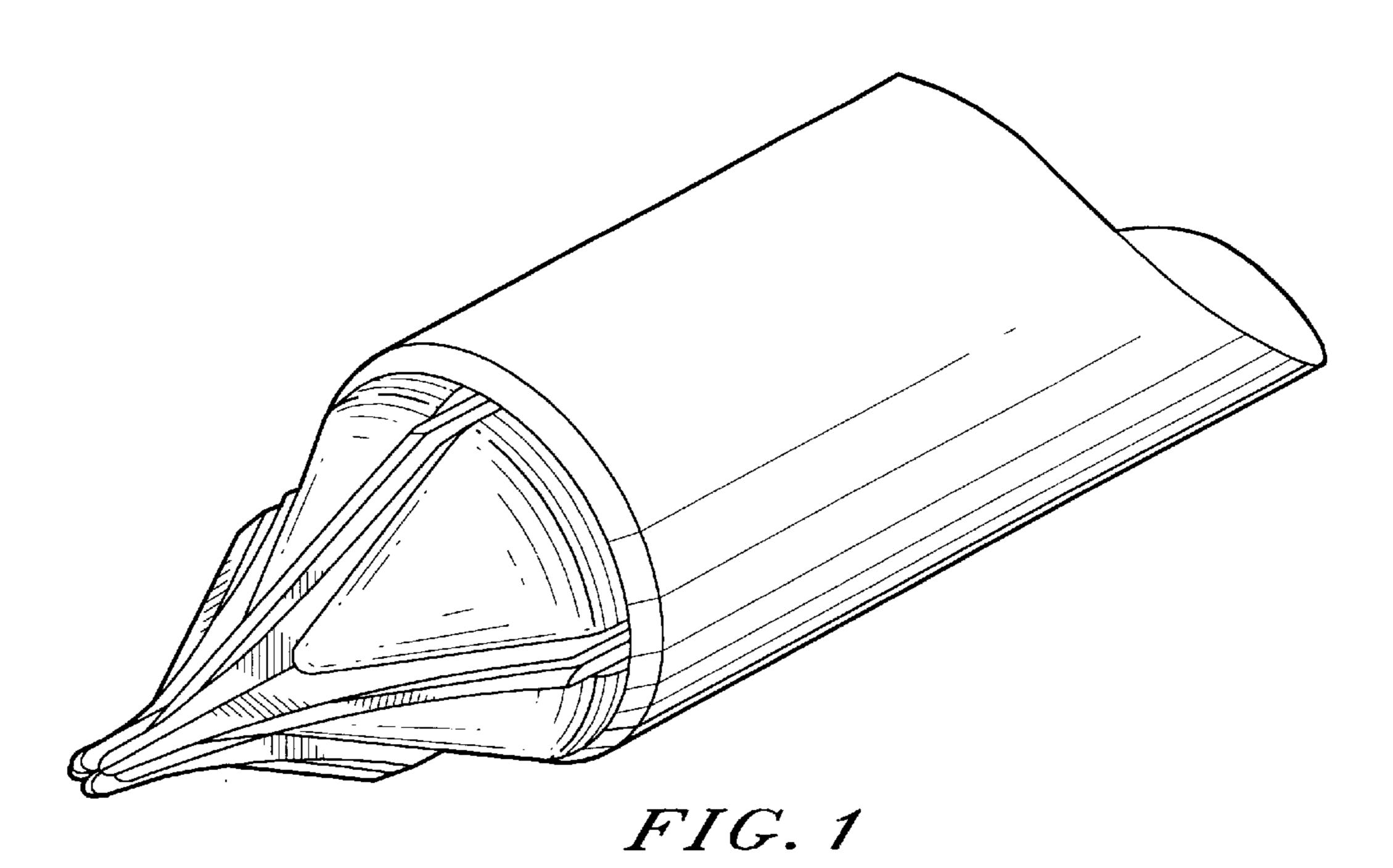
FIG. 4 is a perspective view as seen in FIG. 1, the broken line showing is for illustrative purposes only and forms no part of the claimed design.

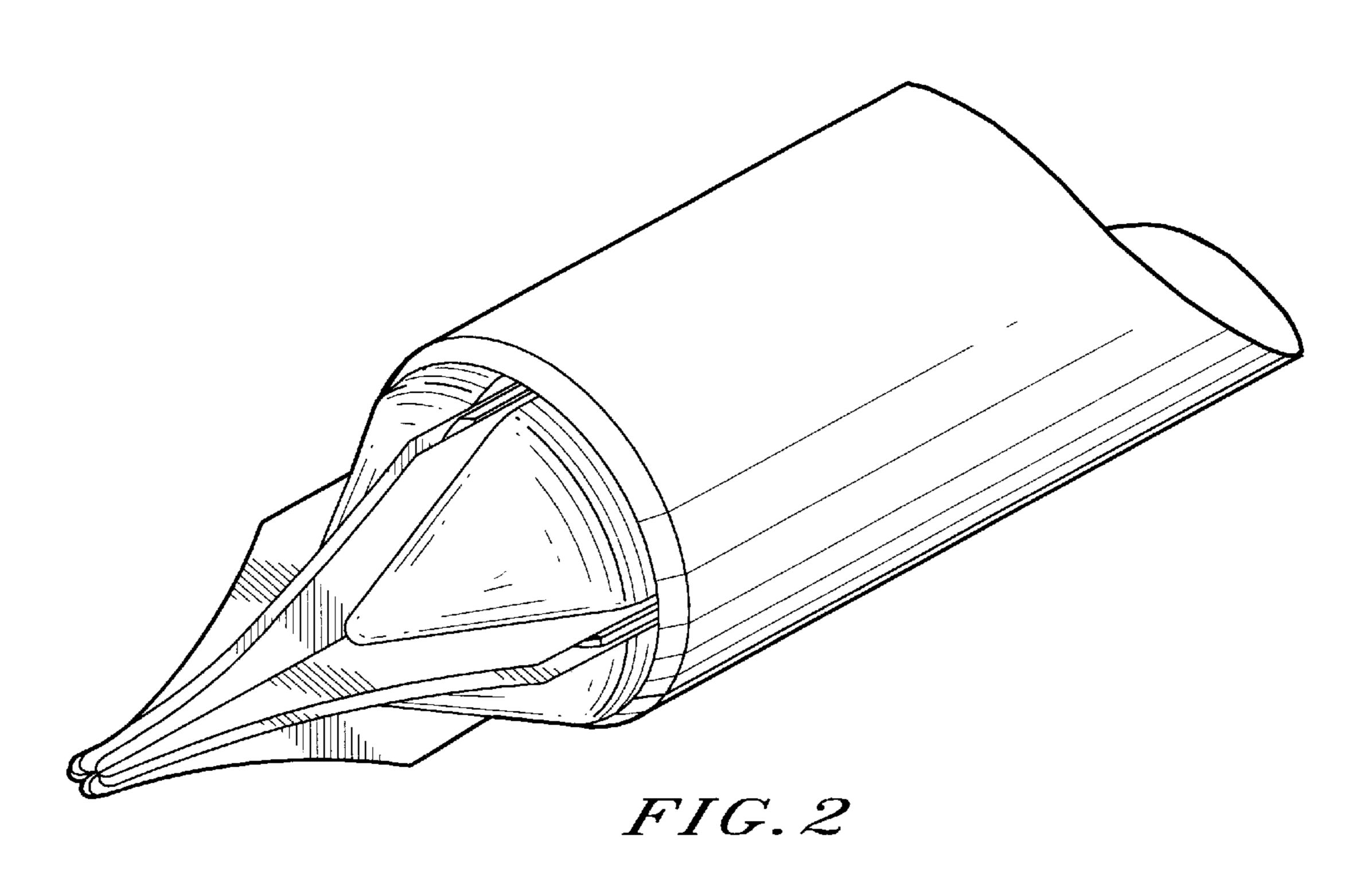
1 Claim, 3 Drawing Sheets



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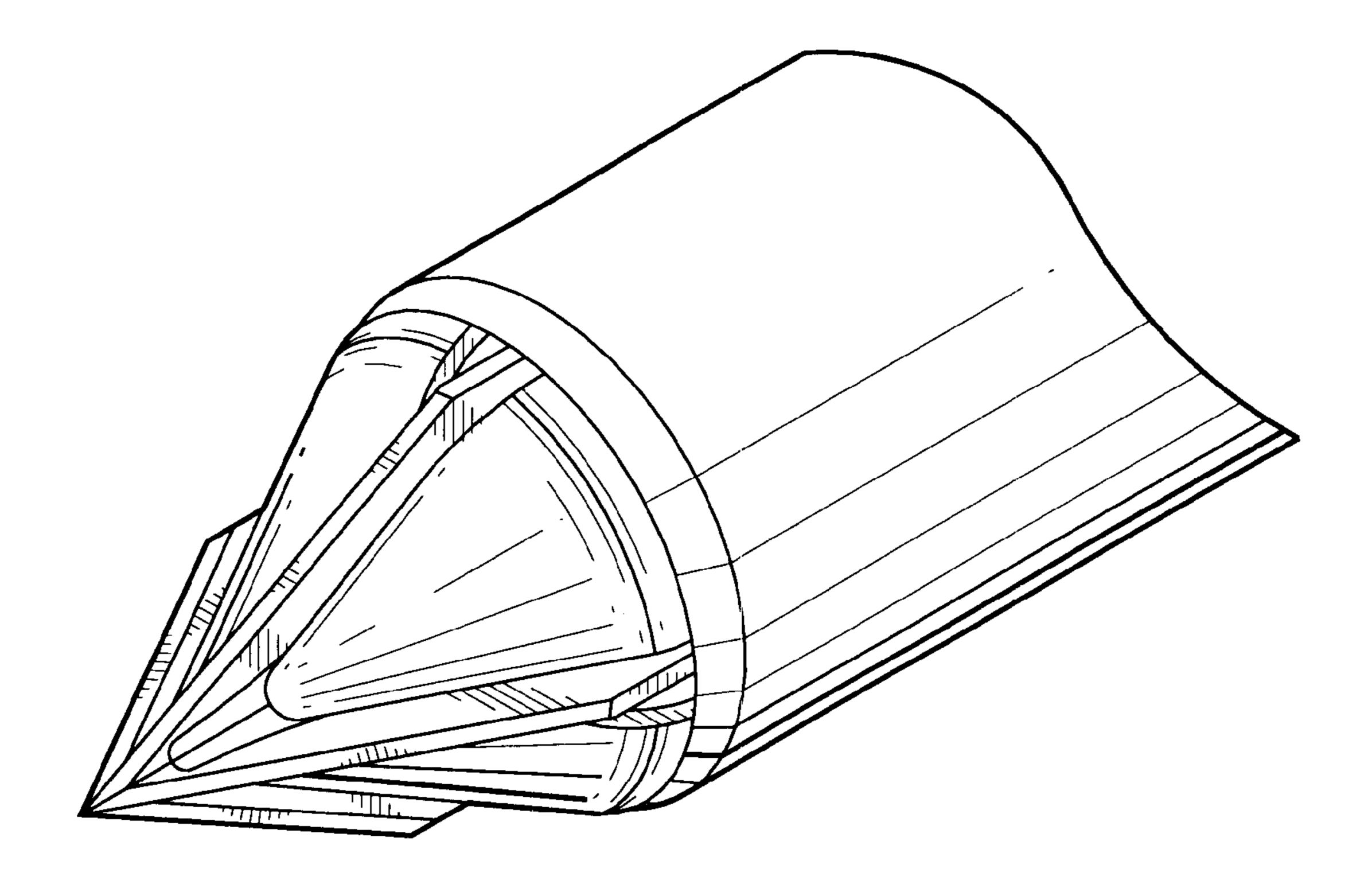
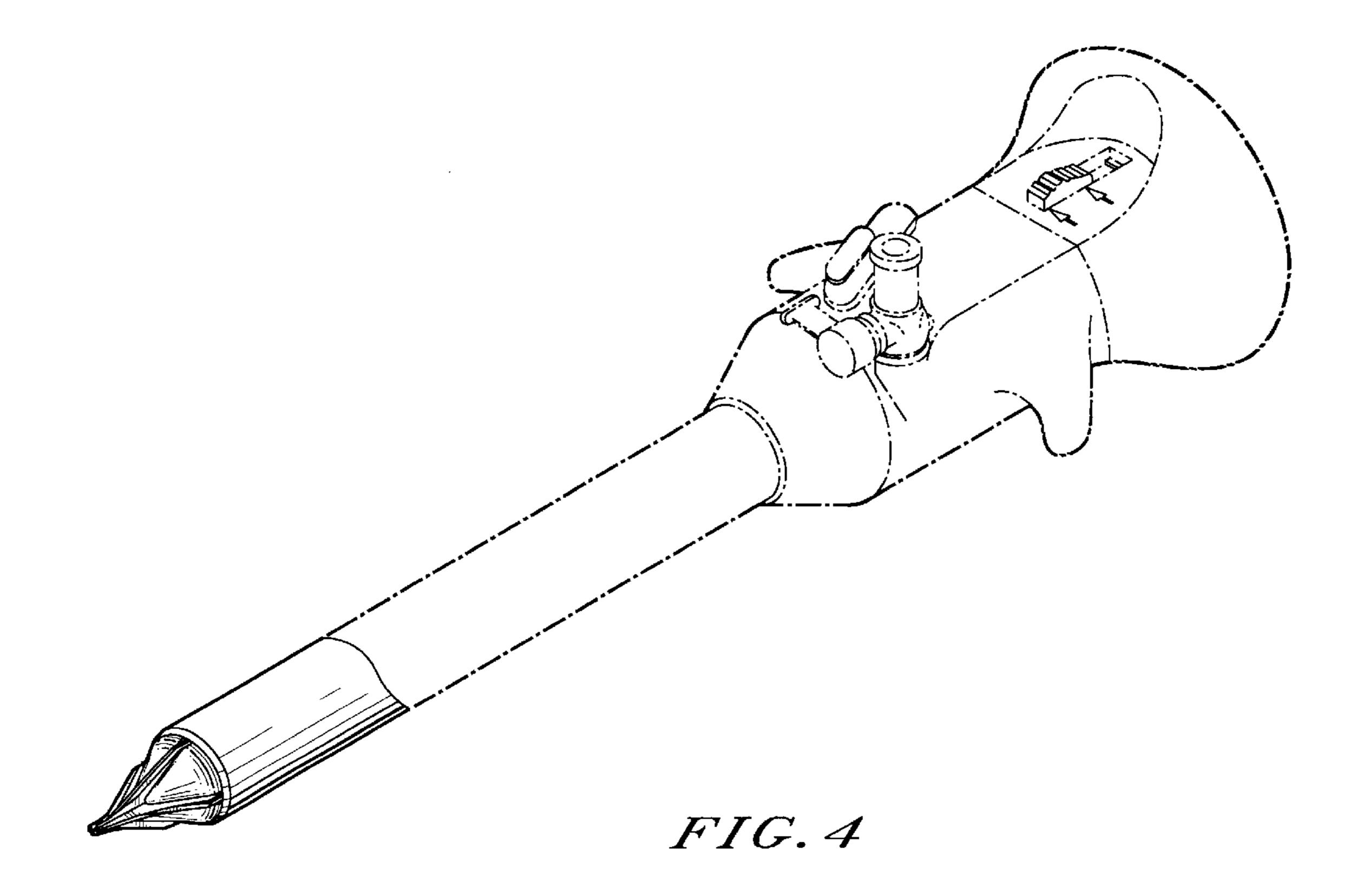


FIG.3



UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : Des. 497,669 S

DATED : October 26, 2004

INVENTOR(S) : Blanco

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

Title page,

Item [62], Related U.S. Application Data, should read:

-- Related U.S. Application Data

[62] Division of application No. 09/598,453, filed on Jun. 22, 2000. --

Signed and Sealed this

First Day of February, 2005

JON W. DUDAS

Director of the United States Patent and Trademark Office