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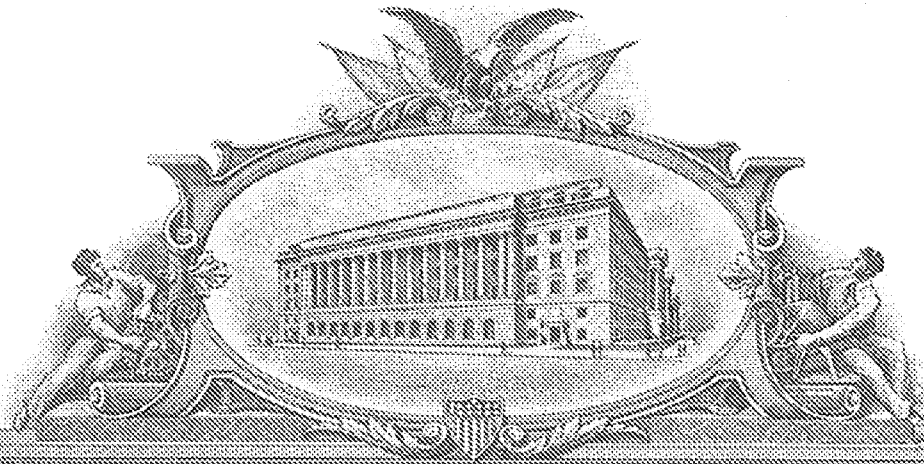
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APPLICATION NUMBER: 60/778,672

FILING DATE: *March 02, 2006*

RELATED PCT APPLICATION NUMBER: *PCT/US07/62922*

THE COUNTRY CODE AND NUMBER OF YOUR PRIORITY APPLICATION, TO BE USED FOR FILING ABROAD UNDER THE PARIS CONVENTION, IS *US60/778,672*



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PTO/SB/16 (10-05)
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PROVISIONAL APPLICATION FOR PATENT COVER SHEET – Page 1 of 2

This is a request for filing a PROVISIONAL APPLICATION FOR PATENT under 37 CFR 1.53(c).

Express Mail Label No. ER469185472US

U.S. P.T.O.
60778672

INVENTOR(S)		
Given Name (first and middle [if any])	Family Name or Surname	Residence (City and either State or Foreign Country)
Richard	Spaide	New York, NY

Additional inventors are being named on the _____ separately numbered sheets attached hereto

TITLE OF THE INVENTION (500 characters max):

DIAMOND DUSTED EXTRUSION CANNULA

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ENCLOSED APPLICATION PARTS (check all that apply)

Application Data Sheet. See 37 CFR 1.76

CD(s), Number of CDs _____

Specification Number of Pages 1 sheet

Other (specify) Return Postcard

Drawing(s) Number of Sheets 1 sheet

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METHOD OF PAYMENT OF THE FILING FEE AND APPLICATION SIZE FEE FOR THIS PROVISIONAL APPLICATION FOR PATENT

Applicant claims small entity status. See 37 CFR 1.27.

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The invention was made by an agency of the United States Government or under a contract with an agency of the United States Government.



No.

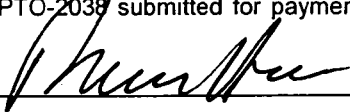


Yes, the name of the U.S. Government agency and the Government contract number are: _____

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Date


3/2/06

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Docket Number: 990100.2151

CERTIFICATE OF MAILING UNDER 37 C.F.R. 1.8		
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<u>3/2/06</u>	<u>Jason Liu</u>	
Date	Name(print)	Signature

Diamond Dusted Extrusion Cannula

Richard Spaide, MD

Removal of fluid and other material from the eye can be done by a number of means. Use of a metal instrument runs the risk of inadvertent impact between the instrument and delicate structures within the eye. Using silicone tubing extending from the metal instrument would offer the advantage of decreasing the likelihood of traumatic impact. The tubing, being relatively flexible, would deform with pressure against intraocular structures. The flexibility of the tubing would limit the ability of using the instrument to abrade or rub against the surface of a structure if needed. By covering the end of the tubing with diamond dust the tubing would simultaneously be flexible and also abrasive. This would help dislodge blood clots from the surface of the retina, help remove triamcinolone injected into the eye as a marking agent, as well as performing functions already done with typical fluid removal devices.

Diamond dust on silicone has been used in the diamond dusted membrane scraper. This is a marketed device that is used to scrape membranes from the retina. It does not have the ability to remove fluid from the eye.

The drawing shows the diamond dusted extrusion cannula attached to a headpiece. In actual use it can be constructed as a detachable disposable cannula with a luer-lock designed to fit on an extrusion headpiece.

Diamond Dusted Extrusion Cannula
Richard Spaide, MD

