FORM PTO-1595 P22400.P03	08-15-2002	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	
To the Honorable Commission		hed original documents or copy thereof.	
Name of Conveying party(ies): OTA, Noriko ITO, Shunichi	102191413	ess of receiving party(ies) ASAHI KOGAKU KOGYO KABUSHIKI KAISHA	
OS/OS/ Additional name(s) of conveying party(ies) attached?		l Address:	25293 70293 7029
3. Nature of conveyance: Assignment Merger Security Agreement Change o		Address: 36-9, Maenocho 2-chome, Itabashi-ku, Tokyo, JAPAN	10/21 10/21
Other Execution Date: August 5, 2002	City:	State:Snal name(s) and address(es) attached? Y	
If this document is being filed together with a new A. Patent Application No.(s)	1	nt No.(s)	
Name and address of party to whom correspondence concerning document should be mailed: 6. Total number of applications and patents involved the mailed in t			1_
Name: Bruce H. Bernstein Internal Address: P22400		thorized to be charged to deposit account	
Street Address: GREENBLUM & BERNST 1941 Roland Clarke Place City: Reston State: VA	EIN, P.L.C.	account number: 19-0089 duplicate copy of this page if paying by depo	osit account)
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PATENT REEL: 013179 FRAME: 0421

ASSIGNMENT

WHEREAS, Noriko OTA, a citizen of Japan, whose post office address is c/o ASAHI KOGAKU KOGYO KABUSHIKI KAISHA, 36-9, Maenocho 2-chome, Itabashi-ku, Tokyo, Japan, and Shunichi ITQ, a citizen of Japan, whose post office address is c/o ASAHI KOGAKU KOGYO KABUSHIKI KAISHA, 36-9, Maenocho 2-chome, Itabashi-ku, Tokyo, Japan, hereinafter referred to as the ASSIGNORS, have invented a certain improvement relating to

LIQUID AND GAS SUPPLY APPARATUS AND PORTABLE ENDOSCOPE WITH THE SAME

for which they have jointly executed an application for Letters Patent of the United States to be filed in the United States Patent and Trademark Office.

If this Assignment is filed after the filing date of the above-identified application, the undersigned hereby authorize and request any one of the attorneys of record in this application including Neil F. Greenblum, Reg. No. 28,394, Bruce H. Bernstein, Reg. No. 29,027, Arnold Turk, Reg. No. 33,094, James L. Roland, Reg. No. 32,674, Stephen M. Roylance, Reg. No. 31,296, Leslie J. Paperner, Reg. No. 33,329, William Pieprz, Reg. No. 33,630, and William E. Lyddane, Reg. No. 41,568, of the firm Greenblum & Bernstein, P.L.C., whose address is 1941 Roland Clarke Place, Reston, Virginia 20191, to insert here in parenthesis (Application No.________, filed_______) the filing date and application number of said application when known.

AND WHEREAS, <u>ASAHI KOGAKU KOGYO KABUSHIKI KAISHA</u>, a corporation organized and existing under the laws of <u>Japan</u>, whose post-office address is <u>36-9</u>, <u>Maenocho 2-chome</u>, <u>Itabashi-ku</u>, <u>Tokyo</u>, <u>Japan</u>, hereinafter known as the ASSIGNEE, is desirous of acquiring the entire right, title and interest for the United States in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, and prolongations thereof.

NOW, THIS WITNESSETH that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNORS hereby assign, sell and transfer to said ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, for the United States including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, said ASSIGNEE and its assigns and legal representatives to have, hold, exercise and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any ways arising from or pertaining thereto, for and during the term or terms of any

PATENT REEL: 013179 FRAME: 0422 and all such Letters Patent when granted, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said ASSIGNORS might or could have held and enjoyed the same, if this assignment had not been made.

AND said ASSIGNORS hereby agree to execute all papers necessary to file applications in the United States for said invention and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

AND said ASSIGNORS authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNORS, on the respective date(s) indicated below.

Witnessed by:			
Eichi' Ohashi' Name	$\frac{8/5/2002}{\text{Date}}$	Noriko Ota Noriko OTA	Aug. 5. 2002. Date
Dika Miyomomae Name	8/5/2002 Date		
Witnessed by:			
Cúchi Ohashi' Name	8/5/2002 Date	Shunichi (Ito Shunichi ITO	Aug. 6. 2002 Date
Pika Miyanomal Name	$\frac{8/5/2002}{\text{Date}}$		

PATENT
RECORDED: 08/08/2002 REEL: 013179 FRAME: 0423