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COVER SHEET

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original document or copy thereof. 1. Names of conveying party(ies): 2. Name and Address of receiving party(ies): Takeshi OZAWA Olympus Optical Co., Ltd. 43-2, Hatagaya 2-chome, Hachioji-shi Hitoshi UENO Tokyo, Japan Sakae TAKEHANA Nobuyuki DOGUCHI Corporation of Japan Isami HIRAO Mamoru KANEKO Additional name(s) & address(es) attached? NO Makoto TOMIOKA Takefumi UESUGI Yasukazu KOGEN Masahiro KAWAUCHI Katsuichi IMAIZUMI 10.2.98 Tadashi HIRATA Individuals Additional names(s) of conveying party(ies) attached? NO 3. Nature of conveyance: Assignment Execution Date: September 17, 1998 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: Sept. 17, 1998 B. Patent No.(s) A. Application No.(s) Additional numbers attached? NO 5. Name and address of party to whom 6. Total number of documents involved: 1 correspondence concerning document should be mailed: OSTROLENK, FABER, GERB & SOFFEN, LLP \$ 40.00 7. Total fee (37 CFR 3.41): 1180 Avenue of the Americas New York, New York 10036-8403 Enclosed as part of Check No. 79779 10/08/1998 C\$TREATE 00000028 09165787 In the event the actual fee is greater than the payment submitted or is inadvertently not enclosed or if any additional fee due is not paid, the Patent and Trademark Office is authorized to charge the underpayment to Deposit Account No. 15-0700. DO NOT USE THIS SPACE 8. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Steven I. Weisburd October Name of Person Signing Total number of pages including cover sheet, attachments, and document: 3

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PATENT REEL: 9513 FRAME: 0873

PATENT APPLICATION ASSIGNMENT	-
SOLE OR JOINT INVENTORS	
EXECUTED OUTSIDE U.S.A.	

OFGS FILE NO. P/16-183 (-)

as assi	<pre>HIRAO and Mamoru KANEK gnor(s), have invente</pre>	(O d certain improvements	UENO, Sakae TAKEHANA, Nobuyuki DOGUCHI in ENDOSCOPES AND ENDOSCOPE DEVICES WHICH IMAGE UCH PROVIDE EASIER OPERATION OF TREATMENT TOOLS			
for United States Letters Patent has been executed by me (us) of even date herewith; and						
	whereas, Olympu	s Optical Co., Ltd.				
	43-2,	Hatagaya 2-chome, Hachi	oji-shi, Tokyo, Japan			
as assignee, is desirous of acquiring all right, title and interest in and to said invention and any Patent that may be granted therefor.						
assigndinteres aforesa reissue all oth and all hereby therefore underside all assor its wheneve any of all riguincess United	Le consideration, the or(s), hereby sell, as st for the United State aid application for Paragraphications and pather countries, including authorized and requestions of said assignee highest for myself (oursely agree and covenant or signments thereof to serve requested, to testifications or which oaths, and to coors, assigns and nominations, assigns and nominations, assigns and nominations or which oaths, and to coors, assigns and nominations, assigns and nominations of the said applications or which is a said application or which is a said application or which is a	receipt of which is her sign and set over to sates and all other countratent, all original, dividents applied for or graing all rights of priorigingement, and the Commisted to issue all patent area and my (our) legs without further remuner without further applicated assignee or its assignees to other applications and interferences patents may become involved or generally everything incess to obtain patent productions, the expenses	e Dollar (\$1.00) and other good and beby acknowledged, I (We), as aid assignee the entire right, title and ties in and to said invention and the risional, continuation, substitute or unted therefor in the United States and try from the filing of said application, assioner of Patents and Trademarks is son said inventions or resulting the entire interest therein; and the pal representatives, heirs and assigns that interest the said inventions and stigns, to execute and deliver all stions for Patent on said inventions and the signs, to communicate to said assignee signed respecting said inventions, sor other legal proceedings in which alved, to sign all lawful papers, make necessary to assist assignee, its protection for said invention in the sincident to said applications to be			
Date:	September 17, 1998	Takeshi OZAWA	Takeshi Osama			
Date:	September 17, 1998	Hitoshi UENO	Hitoshi Ueno			
Date:	September 17, 1998	Sakae TAKEHANA	Sakae Fakehana			
Date:	September 17, 1998	Nobuyuki DOGUCHI	Robinsho Organin			
Date:	September 17, 1998	Isami HIRAO	Isami Himo			
Date:	September 17, 1998	Mamoru KANEKO	Mamoru Kaneko			
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PATENT REEL: 9513 FRAME: 0874

PATENT APPLICATION ASSIGNMENT	-
SOLE OR JOINT INVENTORS	
EXECUTED OUTSIDE U.S.A.	

ofgs file no. p/16-183 (-)

Masahir	WHEREAS, I (We),	Makoto TOMIOKA, Takef IMAIZUMI and Tadashi H	umi UESUGI, Yasukazu KOGEN,			
as ass:	ignor(s), have invente	d certain improvements	in ENDOSCOPES AND ENDOSCOPE DEVICES WHICH IMAGE CH PROVIDE EASIER OPERATION OF TREATMENT TOOLS			
for Un	ited States Letters Pa	tent has been executed	for which an application by me (us) of even date herewith; and			
		s Optical Co., Ltd. Hatagaya 2-chome, Hach	ioji—shi, Tokyo, Japan			
		acquiring all right, to t may be granted there	tle and interest in and to said			
NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, I (We), as assignor(s), hereby sell, assign and set over to said assignee the entire right, title and interest for the United States and all other countries in and to said invention and the aforesaid application for Patent, all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States and all other countries, including all rights of priority from the filing of said application, and all rights for past infringement, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said inventions or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for myself (ourselves) and my (our) legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Patent on said inventions and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said inventions, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to assist assignee, its successors, assigns and nominees to obtain patent protection for said invention in the United States and all other countries, the expenses incident to said applications to be borne and paid by said assignee.						
Date:	September 17, 1998	Makoto TOMIOKA	makoto Tomioka			
Date:	September 17, 1998	Takefumi UESUGI	Takefimi Uesugi			
Date:	September 17, 1998	Yasukazu KOGEN	- Fasukazu Kogen			
Date:	September 17, 1998	Masahiro KAWAUCHI	masahiro Kawauchi			
Date:	September 17, 1998	Katsuichi IMAIZUMI	Katsui hi Emaiguni			
Date:	September 17, 1998	Tadashi HIRATA	Tadashi Hiruta			
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