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To the Honorable Commissioner

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.....hed original document or copy thereof.

Names of conveying party(ies):

Katsuyuki SAITO Akihiko MOCHIDA Kotaro OGASAWARA Noboru KUSAMURA Makoto TSUNAKAWA Hideki TASHIRO Shinji YAMASHITA Kanichi MATSUMOTO Wataru OHNO Masahiro HAGIHARA Kazutaka NAKATSUCHI 2. Name and Address of receiving party(ies):

Olympus Optical Co., Ltd. 43-2, Hatagaya 2-chome, Shibuya-ku Tokyo, Japan

Corporation of Japan

Additional name(s) & address(es) attached? No

Individuals

Kuniaki KAMI

Additional names(s) of conveying party(ies) attached? NO

3. Nature of conveyance:

Assignment

Execution Date: July 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: July 17, 1998

A Application No (s)

B. Patent No.(s)

Additional numbers attached? NO

5. Name and address of party to whom correspondence concerning document should be mailed:

OSTROLENK, FABER, GERB & SOFFEN, LLP 1180 Avenue of the Americas New York, New York 10036-8403

6. Total number of documents involved: 1

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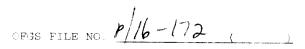
July Date

Total number of pages including cover sheet, attahments, and document: 3

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REEL: 936 RRAME: 0659

PATENT	APPLICATION ASSI	GNMENT -
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EXECUTE	ED OUTSIDE U.S.A.	



EXECUTI	ED OUTSIDE U.S.A.		
as ass:	KUSAMURA, Makoto TSU	JNAKAWA and Hideki TAS ed certain improvement	ihiko MOCHIDA, Kotaro OGASAWARA, HIRO ENDOSCOPIC IMAGING SYSTEM IN WHICH STILL IMA is in SPECIFIC OR MOTION PICTURE-SPECIFIC EXPANSION COUPLED MANNER for which an application ed by me (us) of even date herewith; and
		us Optical Co., Ltd. Hatagaya 2-chome, Shi	bu y a-ku, Tokyo, Japan
as aus: invent:	ignee, is desirous of ion and any Patent th	acquiring all right, at may be granted the	title and interest in and to said refor.
assione interestable aforestable and all standards and all sign all sign and all si	le consideration, the or(s), hereby sell, a st for the United Sta and application for Pe applications and pa her countries. includ I rights for past inf authorized and requerom to said assignee igned for myself (our edy agree and covenan enal, continuation, rungmments thereof to representatives aller requested, to test said applications or others, assigns and nomeons, assigns and nomeons.	receipt of which is a sign and set over to tes and all other couratent, all original, of tents applied for or ging all rights of prioringement, and the Consted to issue all patcherein, as assignee of without further remaissue and other applicated assignee or its a facts known to the undiffy in any interference patents may become in the generally everything of the other application.	one Dollar (\$1.00) and other good and mereby acknowledged, I (We), as said assignee the entire right, title and notices in and to said invention and the divisional, continuation, substitute or granted therefor in the United States and parity from the filing of said application, massioner of Patents and Trademarks is ents on said inventions or resulting the entire interest therein; and the legal representatives, heirs and assigns meration, to execute and deliver all locations for Patent on said inventions and assigns, to communicate to said assignee dersigned respecting said inventions, see or other legal proceedings in which involved, to sign all lawful papers, make any necessary to assist assignee, its approached for said invention in the see incident to said applications to be
Dat.∈ .	July 17, 1998	Katsuyuk (SAITO	Katsujuki Saito
Datic	July 17, 1998	Akihiko MOCHIDA	akihik mechidu
Datic	July 17, 1998	Kotaro OGASAWARA	Hotor Squaraca
Date	July 17, 1998	Noborı KUSAMURA	15 Loom Con Mar 22
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PATENT APPLICATION ASSIGNMENT - SOLE OF JOINT INVENTORS EXECUTED OUTSIDE U.S.A.

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RECORDED: 07/30/1998

OFGS FILE NO. P16-172

		Chinii VAMACHITA Kan	ichi MATSIMOTO Wataru OHNO
Masahi:	WHEREAS, I (We) ro HAGIHARA, Kazutak mor(s), have invent	a NAKATSUCHI and Kuniak ed certain improvements	ichi MATSUMOTO, Wataru OHNO, i KAMI ENDOSCOPIC IMAGING SYSTEM IN WHICH STILL I inspectfic OR MOTION PICTURE—SPECIFIC EXPANSION U PLED MANNER for which an application
for Unit	ted States Letters P.	atent has been executed	by me (us) of even date herewith; and
		us Optical Co., Ltd. Hatagaya 2-chome, Shib	uya-ku, Tokyo, Japan
		acquiring all right, t at may be granted there	itle and interest in and to said for.
assignor interest afores a all other and ast here to undersig do here division it is where erany or sall right succession it is succession.	e consideration, the r(s), hereby sell, as for the United Start deplication for Paragraphications and paragraphications and paragraphic for past infiguration for past infiguration and request of the said assigned for myself (our agree and covenantal, continuation, regnments thereof to representatives allowers, assigns and now ers, assigns and now	receipt of which is her saigh and set over to sates and all other countratent, all original, distents applied for or grating all rights of priors ringement, and the Commisted to issue all patent herein, as assignee of the selves: and my (our) lest without further remundations and assignee or its assaid assignees to other applications of the countries of the countries.	e Dollar (\$1.00) and other good and reby acknowledged. I (We), as aid assignee the entire right, title and ries in and to said invention and the risional, continuation, substitute on anted therefor in the United States and ity from the filing of said application, issioner of Patents and Trademarks is son said inventions or resulting the entire interest therein; and the gal representatives, heirs and assigns eration, to execute and deliver all ations for Patent on said inventions and signs, to communicate to said assignee resigned respecting said inventions, or other legal proceedings in which bolved, to sign all lawful papers, make necessary to assist assignee, its protection for said invention in the sincident to said applications to be
Date:	July 17, 1998	Shanji YAMASHITA	Shingi yamashita
Date:	July 17, 1998	Kanich: MATSUMOTO	Karuchi Martaumoto
Date:	July 17, 1998	Wataru OHNC	
Date	July 17, 1998	Masahiro HAGTHARA	masahim Hacihara
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