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|--|------------------------------|--|----------------|
| FORM PTO-1595 P20778.P03 | 08-31-2001 | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | |
| To the Honorable Commissioner of I | | original documents or copy thereof. | |
| 1. Name of Conveying party(ies): ADACHI, Rensuke SUGIMOTO, Hideo | 101829211 3/9 Name: ASA | 29211 of receiving party(ies) Name: ASAHI KOGAKU KOGYO KABUSHIKI KAISHA | |
| | Internal Address | : | - T |
| Additional name(s) of conveying party(ies) attached? Yes | X_No | | 3460 |
| 3. Nature of conveyance: | Street Address:_ | 36-9, Maenocho 2-chome, | - D |
| _X Assignment Merger | | Itabashi-ku, Tokyo, JAPAN | 0 |
| Security Agreement Change of Name | | | ¬ = |
| Other | City: | State: | ZIP: |
| Execution Date: August 9, 2001 | Additional name | e(s) and address(es) attached? Y | es X No |
| A. Patent Application No.(s) Additi | B. Patent No.(s) | 09(434 | 1605 |
| Name and address of party to whom correspondence concern document should be mailed: | ning 6. Total number of | applications and patents involved: | |
| Name: Bruce H. Bernstein Internal Address: P20778 | X Enclosed | 7. Total Fee (37 CFR 3.41)\$40.00 X Enclosed Authorized to be charged to deposit account | |
| Street Address: GREENBLUM & BERNSTEIN, P.L.C 1941 Roland Clarke Place City: Reston State: VA ZIF | (Attach duplicate | number: 19-0089 copy of this page if paying by depo | osit account) |
| | DO NOT USE THIS SPACE | | |
| 9. Statement and signature. To the best of my knowledge and belief, the foregoing inform Bruce H. Bernstein, Reg. No. 29,027 Name of Person Signing Total number of pages i | | 8,329 8/2 3 | al document. |

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments

Washington, D.C. 20231

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ASSIGNMENT

WHEREAS, Rensuke ADACHI, a citizen of Japan, whose post office address is c/o Asahi Kogaku Kogyo Kabushiki Kaisha, 36-9, Maeno-cho 2-chome, Itabashi-ku Tokyo, JAPAN and Hideo SUGIMOTO, a citizen of Japan, whose post office address is c/o Asahi Kogaku Kogyo Kabushiki Kaisha, 36-9, Maeno-cho 2-chome, Itabashi-ku Tokyo, JAPAN, hereinafter referred to as the ASSIGNORS, have invented a certain improvement relating to

VIDEO ENDOSCOPE SYSTEM AND ILLUMINATION OPTICAL SYSTEM
for which they have, on the same date as this assignment, jointly executed an application for Letters
Patent of the United States to be filed in the United States Patent and Trademark Office.

AND WHEREAS, Asahi Kogaku Kogyo Kabushiki Kaisha, a corporation organized and existing under the laws of Japan, whose post-office address is 36-9, Maeno-cho 2-chome, Itabashi-ku, Tokyo, Japan, 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 WITNESSETE 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

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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 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

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 ASSINGNORS 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:

the same, if this assignment had not been made.

Mayuko Hobayashi 8/9/2001

Name Date

REEL: 012114 FRAME: 0116

Witnessed by:

\[\frac{\(\text{Eichi'} \ \text{Ohashi'} \ 8/9/2001\\ \text{Name} \]

\[\text{Date} \]

\[\frac{\(\text{Hideo SUGIMOTO}\)}{\(\text{Hideo SUGIMOTO}\)} \]

\[\text{Date} \]

\[\frac{\(\text{Mayuko Hobayashi'} \ 8/9/2001\)}{\(\text{Date}\)} \]

PATENT RECORDED: 08/23/2001 REEL: 012114 FRAME: 0117