Atty Docket No.: 0068-0311-2/jer
FORM PTO-1595
1-31-92



U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): KABUSHIKI KAISHA TOYOTA CHUO Naohiko KATO, Hiroshi ITO, Tadashi ICHIKa Name: Tomoyoshi MOTOHIRO and Tatsumi HIOKI KENKYUSHO Address: 41-1, Aza Yokomichi, Oaza Nagakute, Nagakute-cho, Aichi-gun, Additional name(s) of conveying party(ies) Aichi-ken, 480-11, JAPAN 3. Nature of Conveyance: Assignment □ Merger ☐ Security Agreement ☐ Change of Name □ Other Execution Date: June 23, 1997 Additional name(s) and address(es) attached? □Yes ■No 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: A. Patent Application No.(s) B. Patent No.(s) 08/884,661 Additional numbers attached? □Yes ■No 5. Name and address of party to whom correspondence 6. Total applications and patents involved: concerning document should be mailed: OBLON, SPIVAK, McCLELLAND, MAIER & 7. Total fee (37 CFR 3.41): \$40.00 NEUSTADT, P.C. ■ Enclosed Attorneys at Law □ Authorized to be charged to deposit account Fourth Floor 8. Deposit account number: 15-0030 1755 Jefferson Davis Highway (Attach duplicate copy of this page if paying by deposit account) Arlington, Virginia 22202 DO NOT USE THIS SPACE 9. Statement and signature To the best of my knowledge and belief, the foregoing information is true correct and any attached copy is a true copy of the original document. Marvin J. Spivak Name of Person Signing Registration Number: 24,913 Total number of pages including this cover sheet: 04/05/1999 JSHABAZZ 00000210 08884661 01 FC:581 Do not detach this portion Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks

Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

PATENT REEL: 9860 FRAME: 0085 WHEREAS, I (WE) Naohiko Kato; Hiroshi Ito; Tadashi Ichikawa;

	Tomoyoshi Motohiro and Tatsumi Hioki of:
INSERT NAMES AND RESIDENCE ADDRESSES OF THE INVENTORS:	1) Sky Heights Nisshin 405, 2-101, Iwasaki-dai, Nisshin-shi, Aichi-ken, 470-01, Japan
	2) 7-8-9, Oshizawadai, Kasugai-shi, Aichi-ken, 487, Japan
	3) 4-16-7, Gokiso, Showa-ku, Nagoya-shi, Aichi-ken, 466, Japan
	4) 98-2, Mitsuke-cho, Seto-shi, Aichi-ken, 489, Japan
	5) Rapport New Ikeshita 504, 1-4-24, Haruoka, Chikusa-ku, Nagoya-shi,
	Aichi-ken, 464, Japan
	, respectively,
INSERT TITLE OF INVENTION:	have invented certain new and useful improvements in:
	STABILIZING DEVICE FOR OPTICAL MODULATOR
INSERT DATE IN- VENTORS SIGNED DECLARATION:	for which an application for Letters Patent was executed onJune 23, 1997
	(Application No. 08/884,661 , filed June 27, 1997 ), and
INSERT NAME AND ADDRESS OF COMPANY OR OTHER ASSIGNEE:	WHEREAS, KABUSHIKI KAISHA TOYOTA CHUO KENKYUSHO
	(hereinafter referred to as "ASSIGNEE") having a place of business at: 41-1, Aza Yokomichi,
	Oaza Nagakute, Nagakute-cho, Aichi-gun, Aichi-ken, 480-11, Japan
	is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

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PATENT REEL: 9860 FRAME: 0086 I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of Fourth Floor, 1755 Jefferson Davis Highway, Arlington, Virginia 22202 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: June 23, 1997	Na ohiko Kato  (Signature of Inventor) Naohiko Kato
June 23, 1997	Hiroshi Ito
Date: June 23, 1997	(Signature of Inventor) Hiroshi Ito Tadashi Ichikawa
Date: June 23, 1997	(Signature of Inventor) Tadashi Ichikawa  Tomoyoshi motohiro  (Signature of Inventor) Tomoyoshi Motohiro
Date: June 23, 1997	Tatsumi Hioki
Date:	(Signature of Inventor) Tatsumi Hioki
Date:	(Signature of Inventor)
Date:	(Signature of Inventor)
Date.	(Signature of Inventor)

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PATENT REEL: 9860 FRAME: 0087