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Atty. Docket No.: 1152-249P

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RECORDATION FORM COVER SHEET To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies) 1. Name of conveying party(ies): Name: SHARP KABUSHIKI KAISHA ITO, Tetsushi; MASUDA, Makoto; ONO, Yasuhiro Internal Address: Additional name(s) of conveying party(ies) attached? ☐ Yes 🛛 No Street Address: 22-22, Nagaike-cho, Abeno-ku, Osaka-shi 3. Nature of conveyance: ZIP: City: Osaka State: Merger Postal Code: Country: Japan Security Agreement Change of Name Other: Execution Date: December 13, 1999 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: December 13, 1999 A. Patent Application No(s). B. Patent No.(s). Additional numbers attached? Yes No 6. Total No. of applications/patents involved: one (1) 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 C.F.R. § 3.41): **\$40.00** Name: BIRCH, STEWART, KOLASCH & BIRCH, LLP ☐ Enclosed Street Address: P.O. BOX 747 Authorized to be charged to deposit account, ZIP: 22040-0747 City: FALLS CHURCH State: VA if no fee attached 8. Deposit account number: 02-2448 Country: USA (Attach triplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. Statement and signature. 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. December 30, 1999 Joseph A. Kolasch, #22,463 Name of Person Signing/Reg. No. Date

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Total number of pages including cover sheet, attachments, and document: Three (3)

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PATENT REEL: 010498 FRAME: 0150

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ATTORNEY DOCKET NO.

1152-249P

ASSIGNMENT

	Application No.	Filed
nsert Name(s)	→ WHEREAS, Tetsushi ITO of Nara-s	shi, Nara, Japan ;
of Inventor(s)	Makoto MASUDA of Nara-shi, Nara,	Japan and Yasuhiro ONO of
	Souraku-gun, Kyoto, Japan	
nsert Title	(hereinafter designated as the undersigned) has (have) invented	d certain new and useful improvements in
of Invention	SLIDABLE ASSEMBLY	
	for which an application for Letters Patent of the United States	of America has been executed by the undersigned
Insert Date of Signing of Application	→ on December 13,	1999 ; and
Insert Name of Assignee	→ WHEREAS, SHARP KABUSHIKI KAISH	A
insert Address of Assignee	→ of 22-22, Nagaike-cho, Abeno-ku,	Osaka-shi, Osaka, Japan
CHECK BOX F APPROPRIATE	its heirs, successors, legal representatives and assigns (herein acquiring the entire right, title and interest in and to said in may be granted therefor in the United States of America and in any and all foreign countries.	vention and in and to any Letters Patent(s) that
	NOW, THEREFORE, in consideration of the sum of T paid, the receipt of which is hereby acknowledged, and other g has (have) sold, assigned and transferred, and by these passignee the full and exclusive right to the said invention dependencies and possessions and the entire right, title and which may be granted therefor in the United States of Ameriand if the box above is designated, in any and all foreign co	good and valuable consideration, the undersigned resents does sell, assign and transfer unto said in the United States of America, its territories, I interest in and to any and all Letters Patent(s) ca, its territories, dependencies and possessions.

and to any and all divisions, reissues, continuations and extensions thereof for the full term or terms for

which the same may be granted.

PATENT REEL: 010498 FRAME: 0151 The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof or Letter Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	Dec.	13,	199,9	Name of Inventor	Letsushi		to	
							(signature)	Tetsushi ITO
Date	Dec.	13,	1999	Name of Inventor	Makoto	M	asuda	
							(signature)	Makoto MASUDA
Date	∄ec.	13,	199,9	Name of Inventor	Yasuhiro	Ono		
							(signature)	Yasuhiro ONO
Date			,	Name of Inventor				
							(signature)	
Date				Name of Inventor				
						,	(signature)	
Date				Name of Inventor		·····		
							(signature)	

RECORDED: 12/30/1999

PATENT REEL: 010498 FRAME: 0152