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Internal Address: Street Address: 1-7 Yukigaya, Otsuka-cho City: Ota-ku, Tokyo Japan Additional name(s) and addresses attached? Additional name(s) and addresses attached? Yes Sagment Other: Security Agreement Merger Execution Date: October 7, 2004 Application number(s) or patent number(s). Additional sheet attached? Yes Sagment Other: Execution Date: October 7, 2004 Application number(s) or patent number(s). Additional sheet attached? Yes Sagment Yes Sagment Other: Other	Internal Address: 1-7 Yukigaya, Otsuka-ch City: Ota-ku, Tokyo Japan Additional name(s) and addresses attached? Additional name(s) and addresses attached? Yes No If this document is being filed together with a new application, the execution date of the application is: Patent Application No.(s) Patent Application No.(s) Patent Application No.(s) Additional numbers attached? Yes No No. Name and address of party to whom correspondence concerning document should be malled: BRINKS HOFER GILSON & LIONE P.O. BOX 10395 CHICAGO, IL 60610 Gallost Account No. Substitute Substitut		
Yes No Additional name(s) and addresses attached? Yes Security Agreement Change of Name Other: Security Agreement Merger	Yes	OCT 2 7 2004 ES	Internal Address: Street Address: 1-7 Yukigaya, Otsuka-cho City: Ota-ku, Tokyo
3. Description of the interest conveyed: Assignment	3. Description of the interest conveyed: Assignment	Yes	
Execution Date: October 7, 2004 Application number(s) or patent number(s). Additional sheet attached? Yes No If this document is being filed together with a new application, the execution date of the application is: Patent Application No.(s) Patent No.(s) 10/909,932 Additional numbers attached? Yes No 5. Name and address of party to whom correspondence concerning document should be mailed: BRINKS HOFER GILSON & LIONE P.O. BOX 10395 CHICAGO, It. 60610 (312)321-4200 Customer Number 00757 8. Please charge any deficiencies in fee or company overpayment to Deposit Account No. 1925. DO NOT USE THIS SPACE 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. Gustavo Siller, Jr., Reg. No. 32,305 Name of Person Signing Total number of pages including cover sheet, attachments, and document: 3 Rev. Oct-97	Execution Date: October 7, 2004 Application number(s) or patent number(s). Additional sheet attached? \[\text{ Yes } \in \text{ No} \] If this document is being filed together with a new application, the execution date of the application is: Patent Application No.(s) Patent No.(s) 10/909,932 Additional numbers attached? \[\text{ Yes } \in \text{ No} \] Additional numbers attached? \[\text{ Yes } \in \text{ No} \] Some and address of party to whom correspondence concerning document should be mailed: BRINKS HOFER GILSON & LIONE P.O. BOX 10395 CHICAGO, IL 60610 (312)321-4200 Customer Number 00757 BY BY BY BY BY BY BY BY BY B		
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PATENT REEL: 015928 FRAME: 0058

ASSIGNMENT

WHEREAS, Junichi Inamura and Isao Sato, hereinafter called the "Assignors," have made the invention described in the United States patent application entitled INPUT DEVICE, for a full description of which reference is here made to an application for Letters Patent of the United States filed on August 2, 2004, and assigned Application Serial No. 10/909,932;

WHEREAS, ALPS ELECTRIC CO., LTD., a corporation organized and existing under the laws of Japan, having a place of business at 1-7 Yukigaya, Otsuka-cho, Ota-ku, in Tokyo, Japan, hereinafter called the "Assignee," desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in exchange for valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States, its territories and possessions, in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, continuations-in-part, divisions, renewals, extensions or reissues of any of the patent applications and patents defined above; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the

PATENT REEL: 015928 FRAME: 0059 invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignors will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DATE	October 7, 2004	Junichi dnamwa Junichi Inamura
WITNE	SSED	
DATE	October 7, 2004	Osami Saito
DATE	October 7, 2004	Shugo Ono
DATE	October 7, 2004	Isao Sato
WITNESSED		
DATE	October 7, 2004	Osami Saito
DATE	October 7, 2004	Shuzo Ono

RECORDED: 10/22/2004

PATENT REEL: 015928 FRAME: 0060