PATENTS ONLY US-31-2	Attorney Docket No. 9281-3628	
TO THE COMM	VD TRADEMARKS	
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Please rec 1013700	046 r copy thereof.	
1. Name of Party(ies) conveying an interest:	2. Name and Address of Party(ies) receiving	
1. Name of Farty(les) conveying all interest.	interest:	
(A) (A) KAORU SOETA	microsi.	
KAORU SOETA HIROKI OBA TATSUAKI KAWASE	Name: ALPS Electric Co., Ltd.	
V U TATSUAKI KAWASE	Internal Address:	
' 'n'	Street Address: 1-7 Yukigaya, Otsuka-cho	
V	City: Ota-ku, Tokyo	
Additional name(s) of conveying party(ies) attached?	State/Zip: Japan	
☐ Yes ☒ N		
	Additional name(s) and addresses attached?	
	☐ Yes ☒ No	
3. Description of the interest conveyed:	0.1	
Assignment Change of Name Other:		
Security Agreement Merger		
Security Agreement Merger		
Execution Date: March 28, 2000		
Application number(s) or patent number(s). Additional sh	neet attached? Tyes X No	
TELESCOPE OF PROOF HAMPS (V). FROM OTHER		
If this document is being filed together with a new applica	ation, the execution date of the application is:	
March 28		
Date		
Patent Application No.(s)	Patent No.(s)	
09/509/75 Additional numbers atta	achad? T Vas M No	
	6. Number of applications and patents involved: 1	
 Name and/address of party to whom correspondence concerning document should be mailed: 	o. Hambor of applications and parameters in	
BRINKS HOFER GILSON & LIONE	7. Total fee (37 CFR 3.41) \$40.00	
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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		
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Jasper W. Dockrey, Reg. No. 33,868 Janes W. Nochules May 7, 2000		
Name of Person Signing Signature Date		
Total number of pages including cover sheet, attachments, and document: three (3)		

Rev. Oct-97

PATENT REEL: 010812 FRAME: 0669

ASSIGNMENT

WHEREAS, Kaoru Soeta, Hiroki Oba and Tatsuaki Kawase

hereinafter called the "Assignors", have made the invention described in the United States patent application entitled Coordinate Input Device Capable of Inputting Z-Coordinate of Image Object

executed by Assignors on the same date as this Assignment;

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, 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 consideration of the sum of One Dollar (\$100), and other 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 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, divisions, renewals and extensions 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 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.

PATENT REEL: 010812 FRAME: 0670 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:	Mrach 28, 2000	Kacru Soeta
		Inventor: Kaoru Soeta
WITNES	SSED:	
DATE:	March 28, 2000	Koji nahammra
DATE:	March 28, 2000	Koji Nakamura Kazumi Ohba
2.452		
DATE:	March 28, 2000	Hirohi oba
WITNES	SSED.	Inventor: Hiroki Oba
******	JULD.	1. 0.1
DATE:	March 28, 2000	Koji hakamura
DATE:	March 28, 2000	Kopi Nakamura Kazumi Ohla
DATE:	March 28, 2000	Tutsuaki Kan-usk
		Inventor: Tatsuaki Kawase
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DATE:	March 28, 2000	Kazumi Orla
DATE:	March 28, 2000	Kazumi Ohba
DATE:		
147700570	oce.	Inventor:
WITNE	22FD:	
DATE:		
DATE:		

RECORDED: 05/09/2000

PATENT REEL: 010812 FRAME: 0671