

PATENTS ONLY 101283947	Attorney Docket No. 9281/3557	
TO THE COMMISSIONER OF PATENTS AND TRADÉMARKS		
MIN 2 · 7 · 00 Please record the attached original document or copy thereof.		
Name of Party(ies) conveying an interest:	Name and Address of Party(ies) receiving an interest:	
Akihiro Shinohe	1	
Kouichi Ogino	Name: ALPS Electric Co., Ltd.	
	Internal Address:	
	Street Address: 1-7 Yukigaya, Otsuka-cho	
	City: Ota-ku, Tokyo	
Additional name(s) of conveying party(ies) attached?	State/Zip: Japan	
☐ Yes ☒ No		
	Additional name(s) and addresses attached?	
	☐ Yes ☒ No	
3. Description of the interest conveyed:	Other:	
	Other:	
Security Agreement Merger	s ≥2 3 €	
	2.00 mg/s	
Execution Date: January 24, 2000	8	
Application number(s) or patent number(s). Additional shee	et attached? ☐ Yes ⊠ No	
	Sign of the second seco	
If this document is being filed together with a new applicatio	n, the execution date of the application is:	
January 24,	2000	
Date		
Patent Application No.(s)	Patent No.(s)	
T district (b)	` '	
M1499573 Additional numbers attach	ed? ☐ Yes ☒ No	
	6. Number of applications and patents involved: One	
concerning document should be mailed:		
BRINKS HOFER GILSON & LIONE	7. Total fee (37 CFR 3.41) \$40.00	
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Statement and signature.	and correct and any attached anny is a true	
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.		
\sim	1 / 2/7/80	
Gustavo Siller, Jr.	0/1/00	
Name of Person Signing	nature Date	
Total number of pages including cover sheet, attachments, and document. Three (3)		

Rev. Oct-97

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PATENT REEL: 010583 FRAME: 0759

ASSIGNMENT

WHEREAS, Akihiro Shinohe and Kouichi Ogino

hereinafter called the "Assignors", have made the invention described in the United States patent application entitled Mouse with a Wheel

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 (\$1.00), 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: 010583 FRAME: 0760 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:	January 24, 2000	akihiro Shinoke
		Inventor: Akihiro Shinohe
WITNE	SSED:	
DATE:	January 24, 2000	Osami Saito Isuneo Kawase
DATE:	January 24, 2000	Jouneo Kawase
		Kouiohi Ogino
DATE:	January 24, 2000	•
WITNE	SSED:	Inventor: Kouichi Ogino
	January 24, 2000	Exami Saito France Kawase
DATE:	January 24, 2000	Jounes Kawase
D A TEE		
DATE:		Inventor:
WITNE	SSED:	
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WITNE	SSED:	Inventor:
DATE:		
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PATENT REEL: 010583 FRAME: 0761

RECORDED: 02/07/2000