ORM PTO-1595 (Modified) Rev. 03-01) DMB No. 0651-0027 (exp.5/31/2002)		.ET	U.S. DEPARTMENT OF COMME
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To the Honorable Commissioner of Patents and Trad 1. Name of conveying party(ies):			
Yuji Aso	2. Name and	address of receivin	ig party(ies):
	Name: <u>Sh</u>	arp Kabushiki Kais	ha kita
	Address:	22-22 Nagaike-cho	
Additional names(s) of conveying party(ies)	No	Abeno-ku	
3. Nature of conveyance:			
🛛 Assignment 🗆 Merger			
Security Agreement Change of Na	ime City: <u>Osak</u>	a 545-8522	State/Prov.:
. Other	Country: J	APAN	ZIP:
Execution Date: September 7, 2001	Additional name	∋(s) & address(es)	Yes 🖾 No
Application number(s) or patent numbers(s):		(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	- 100 - 100
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			September 7, 2001
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for good and valuable consideration from SHARP KA	BUSHIKI KAISHA
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having its principal place of business in <u>Osaka</u> , bereinafter called the Assignee, receipt of which is	Japan
sell, assign and transfer unto the Assignee, its succ	hereby acknowledged, do hereby
right, title and interest in, to and under an applica	essors and assigns, the entire
United States Serial No. filed on	* signed by us
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DEVICE INCLUDING THE SAME	· · · · · · · · · · · · · · · · · · ·
including all priority rights ensuing therefrom, and	the inventions and any of them
therein set forth and described, and any and all lett and of countries foreign thereto which may be granted with the right to apply for such letters Patent.	
And for the above consideration we agree promp its successors or assigns, to execute and deliver wit power of attorney, assignment, application, whether o or reissue, or other papers which may be necessary or Assignee, its successors and assigns, the inventions application and all patent rights therein, in the Un foreign thereto.	hout further compensation any riginal, divisional, continuation desirable fully to secure to the and any of them described in said
The undersigned hereby grant(s) the law firm Cushman the power to insert on this Assignment which may be necessary or desirable in order to U.S. Patent and Trademark Office for recordation	t any further identification
IN WITNESS WHEREOF, I, Yuji ASO hand and seal this 7th day of September , hereunto set my hand and se	
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Before me this day of, who is to me personal	_, 19, personally appeared
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Before me thisday of	, 19 , personally appeared
Before me thisday of, who is to me personal] the foregoing instrument of assignment to be [her] hi	y known, and acknowledged
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*Where the application is assigned before it is filed	
and hence has no Serial No., this shall be left blar	אי.

PATENT REEL: 012265 FRAME: 0220

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RECORDED: 10/15/2001