	Attorney Docket No. 8029-1058		
Form PTO-1595 RECOF	2 - 01 - 2003  U.S. Department of Commerce U.S. Patent and Trademark Office		
11·20·03			
To the Honorable Commissioner of Patents a.	02612:004 Jinal documents or copy ther		
Name of Conveying Party(ies):     Daisuke SUZUKI     Masayuki KUSHITA     Hiroyuki KIUCHI     Ryuuji MATSUO     Katsuaki FUJIHARA  Additional name(s) of conveying party(ies) attached?	2. Name and address of receiving party(ies)  Name: NEC CORPORATION  Address: 7-1, SHIBA 5-CHOME  MINATO-KU  TOKYO, JAPAN		
3. Nature of Conveyance:  Assignment Merger  Security Agreement Change of Name Other: Execution Date: November 11, 2003	Additional name(s) and address(es) attached?  ☐ Yes ☒ No		
4. Application number(s) or patent number(s):  This document is being filed with a new application, the	execution date of the application is: November 11, 2003		
A. Patent Application No(s).	B. Patent No(s).		
A	l Additional numbers attached?		
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1		
Customer No.: <u>00466</u>	7. Total fee (37 CFR 3.41)\$40.00		
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9. Statement and signature.			
To the best of my knowledge and belief, the foreg is a true copy of the original document.	oing information is true and correct and any attached copy		
Margot Filipowicz — — — — — — — — — — — — — — — — — — —	ngot filipoura November 20, 2003		
Name of Person Signing Signatu	Date over sheet, attachments, and documents: 2		
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Y&T November 20, 2003

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## **ASSIGNMENT**

WHEREAS,		
	DAISUKE SUZUKI, MASAYUKI KUSHITA and HIROYUKI KIUCHI	
	of Tokyo, Japan, RYUUJI MATSUO of Saitama, Japan and	
	KATSUAKI FUJIHARA of Tokyo, Japan	
	to as "applicant(s)", have invented certain new and useful improvements in EVICE AND ELECTRONIC APPARATUS PROVIDED WITH THE	
POINTING D		
(a) for	which an application for a United States patent was filed on	
	, Application No	
	which an application for a United States patent was executed on	
	,	
WHEREA	S, NEC Corporation	
	7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan	
NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00), the receipt whereof is acknowledged, and other good and valuable consideration, applicant(s), by these presents, do(es) hereby sell, assign and transfer unto said assignee(s) the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all patents which may be granted therefore in the United States, for its sole use and behoof, and for the use and behoof of its legal representatives, to the full end of the term for which said patents may be granted, as fully and entirely as the same would have been held by applicant(s) had this assignment and sale not been made.  Applicant(s) hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue said United States patents to said assignee(s).		
Date	Daisnke Suzuki	
Date	(signature) DAISUKE SUZUKI	
Date11/11/2		
Dute	(signature) MASAYUKI KUSHITA	
Date11/11/2		
Date11/11/2	(signature) HIROYUKI KIUQHI	
Date11/11/2	(signature) RYUUJI MATSUO 藤 Datyvaki 方yihara 原	
tness:	(signature) KATSUÄKI FÜJIHARA	

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**RECORDED: 11/20/2003** 

**PATENT REEL: 014728 FRAME: 0560**