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3.	Nature of conveyance: 5–18–99	7-1, Shiba 5-chome Minato-ku
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Exe	ecution Date: February 8, 1999	
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PATENT REEL: 009956 FRAME: 0711

## ASSIGNMENT

	TOSHIFUMI TAKAHASHI and KEITA KUMAKOTO Of	
	Tokyo, Japan	
ha ye invented ce	rtain new and useful improvements in RESISTANCE NIE ENT LAVING	
for which We_l		
Patent of the United	States of America;	
AND WHERE	AS,NEC Corporation, 7-1, Shiba 5-chome,	
	Minato-ku, Tokyo, Japan is	
desirous of acquiring	g an interest therein and in the Letters Patent to be obtained therefor from the	
United States;		
NOW THEREFORE, be it known by all whom it may concern, that for and in consideration		
	OneDollars (\$LOO	
tous in hand	paid, the receipt of which is hereby acknowledgedthe_said_ASSIGNOR	
have assigned, sold, and set over, and by these presents do hereby assign, sell, and set over unto the sa		
_	C_Corporation	
	_exclusive right, title, and interest in and to the said invention	
as fully set forth and described in the:		
•	representative the second of t	
(a) specification		
(a) specification (b) application	filed on the 12-+1 day of Johnson, 1955, Serial No. 09/228,752	
(a) specification icable  (b) application preparatory to obtain	filed on the 12-+1 day of Townson, 19 55, Serial No. 09/228,752 ning Letters Patent therefor; said invention, application and Letters Patent to	
(a) specification (b) application preparatory to obtain the held and enjoyed by the control of the held and t	filed on the 12-th day of Townson, 19 55, Serial No. 09/228,752 ning Letters Patent therefor; said invention, application and Letters Patent to the saidASSIGNEE. NEC Corporation	
(a) specification (b) application preparatory to obtain the damage in th	filed on the 12-th day of Thereby, 19 CC, Serial No. 09/228,752 ning Letters Patent therefor; said invention, application and Letters Patent to the saidASSIGNEE. NEC Corporation use and behoof, and for _their legal representatives, to the full end of the terms.	
(a) specification (b) application preparatory to obtain the dand enjoyed by the forthe lr_ own for which said Lette	filed on the 12-th day of January , 19 CC , Serial No. 09/228,752 ning Letters Patent therefor; said invention, application and Letters Patent to the saidASSIGNEE. NEC Corporation use and behoof, and for _their legal representatives, to the full end of the terms Patent are granted, as fully and entirely as the same would have been held	
(a) specification (a) specification (b) application preparatory to obtain held and enjoyed by the forthetr own for which said Letterus had this a	filed on the 12-th day of January , 19 22, Serial No. 19/228,752 ming Letters Patent therefor; said invention, application and Letters Patent to the saidASSIGNEE. NEC Corporation use and behoof, and for _their legal representatives, to the full end of the terms Patent are granted, as fully and entirely as the same would have been held assignment and sale not been made.	
(a) specification icable  (b) application preparatory to obtain held and enjoyed by the fortheir_ own for which said Letteus had this a lin TESTIMON	filed on the day of, 19, 19, Serial No09/228,752_  ning Letters Patent therefor; said invention, application and Letters Patent to be said ASSIGNEE. NEC Corporation  use and behoof, and for _tbeix legal representatives, to the full end of the terms Patent are granted, as fully and entirely as the same would have been held be assignment and sale not been made.  YWHEREOF, _we hereunto set _our hands and affix _our seals	
(a) specification icable  (b) application preparatory to obtain held and enjoyed by the fortheir_ own for which said Letteus had this a lin TESTIMON	filed on the 12-41 day of January , 19 CC , Serial No. 09/228.752 ning Letters Patent therefor; said invention, application and Letters Patent to the saidASSIGNEE. NEC Corporation use and behoof, and for _their legal representatives, to the full end of the terms Patent are granted, as fully and entirely as the same would have been held assignment and sale not been made.  YWHEREOF, _we hereunto set _our hands and affix _our seals	
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(a) specification icable  (b) application preparatory to obtain held and enjoyed by the fortheir_ own for which said Letteus had this a lin TESTIMON	Y WHEREOF, _we hereunto set _our hands and affix _our seals;  this{-tr} day of	

**RECORDED: 05/18/1999** 

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<sup>\*</sup> State whether the full and exclusive right, or what part of the whole interest is assigned.