			060
Form PTO-1595			Q60 U.S. DEPARTMENT OF COMMEN
1-31-92		53694 EET	Patent and Trademark Of
To the Assistant Co	1.41	ENTS UNLT	·
1. Name of conveying party(ies):		se record the attached orig 2. Name and address of	inal documents or copy thereof.
Tomohiro FUJII Additional name(s) of conveying par	γ·JJ·OU	NEC CORPORATION 7-1, Shiba 5-chome Minato-ku, Tokyo, Japan	0
□ yes 🗹 no			09/60 09/64
3. Nature of Conveyance:			r —
🗹 Assignment 🛛 Merge	er		
□ Security Agreement □ Chang	ge of Names		
□ Other		Additional name(s) & ad	ldress(es) attached?
Execution Date: August 15, 2000	/	U yes	🗹 no
4. Application number(s) or patent r	number(s): () 9 (04	12686	
If this document is being filed togeth			application is: August 15, 2000
	•	i, the execution date of the	
A. Patent Application No.(s)			B. Patent No.(s)
		10 -	
	Additional numbers attach		☑ No
5. Name and address of party to who concerning document should be mail	om correspondence		No ications and registration involved: 1
5. Name and address of party to who concerning document should be mail SUGHRUE, MION, ZINN, MACPE	om correspondence led:		ications and registration involved: 1
5. Name and address of party to who concerning document should be mail SUGHRUE, MION, ZINN, MACPE 2100 Pennsylvania Avenue, N.W.	om correspondence led:	 6. Total number of appli 7. Total Fee (37 CFR 3.4 ☑ Enclosed. P 	ications and registration involved: 1 41): \$40.00 Please charge any underpayment in
5. Name and address of party to who concerning document should be mail SUGHRUE, MION, ZINN, MACPE 2100 Pennsylvania Avenue, N.W. Suite 800	om correspondence led:	 6. Total number of appli 7. Total Fee (37 CFR 3.4 ☑ Enclosed. P connection with this Assisted 	ications and registration involved: 1 41): \$40.00 Please charge any underpayment in ignment to Deposit Account No. 19-488
5. Name and address of party to who concerning document should be mail SUGHRUE, MION, ZINN, MACPE 2100 Pennsylvania Avenue, N.W.	om correspondence led:	 6. Total number of appli 7. Total Fee (37 CFR 3.4 ☑ Enclosed. P connection with this Assi ☐ Authorized to a set of the set of the	ications and registration involved: 1 41): \$40.00 Please charge any underpayment in
5. Name and address of party to who concerning document should be mail SUGHRUE, MION, ZINN, MACPE 2100 Pennsylvania Avenue, N.W. Suite 800	om correspondence led:	 6. Total number of appli 7. Total Fee (37 CFR 3.4 ☑ Enclosed. P connection with this Assisted 	ications and registration involved: 1 41): \$40.00 Please charge any underpayment in ignment to Deposit Account No. 19-488 to be charged to Deposit Account
5. Name and address of party to who concerning document should be mail SUGHRUE, MION, ZINN, MACPE 2100 Pennsylvania Avenue, N.W. Suite 800	om correspondence led: AK & SEAS, PLLC	 6. Total number of appli 7. Total Fee (37 CFR 3.4 ☑ Enclosed. P connection with this Assi ☑ Authorized to a second t	ications and registration involved: 1 41): \$40.00 Please charge any underpayment in ignment to Deposit Account No. 19-4880
5. Name and address of party to who concerning document should be mail SUGHRUE, MION, ZINN, MACPE 2100 Pennsylvania Avenue, N.W. Suite 800	om correspondence led: AK & SEAS, PLLC	 6. Total number of appli 7. Total Fee (37 CFR 3.4 ☑ Enclosed. P connection with this Assi ☐ Authorized to a set of the set of the	ications and registration involved: 1 41): \$40.00 Please charge any underpayment in ignment to Deposit Account No. 19-488 to be charged to Deposit Account
 Name and address of party to who concerning document should be mail SUGHRUE, MION, ZINN, MACPE 2100 Pennsylvania Avenue, N.W. Suite 800 Washington, D.C. 20037-3213 Statement and Signature. 	om correspondence led: AK & SEAS, PLLC DO NOT WR	 6. Total number of appli 7. Total Fee (37 CFR 3.4 ☑ Enclosed. P connection with this Assi ☑ Authorized to Authorized to	ications and registration involved: 1 41): \$40.00 Please charge any underpayment in ignment to Deposit Account No. 19-488 to be charged to Deposit Account 19-4880
 5. Name and address of party to who concerning document should be mail SUGHRUE, MION, ZINN, MACPE 2100 Pennsylvania Avenue, N.W. Suite 800 Washington, D.C. 20037-3213 9. Statement and Signature. To the best of my knowledge and bel original document. 	om correspondence led: AK & SEAS, PLLC DO NOT WR lief, the foregoing inform	 6. Total number of appli 7. Total Fee (37 CFR 3.4 ☑ Enclosed. P connection with this Assi ☑ Authorized t 8. Deposit Account No. ITE IN THIS SPACE ation is true and correct and	ications and registration involved: 1 41): \$40.00 Please charge any underpayment in ignment to Deposit Account No. 19-488 to be charged to Deposit Account 19-4880 nd any attached copy is a true copy of the August 22, 2000
 5. Name and address of party to who concerning document should be mail SUGHRUE, MION, ZINN, MACPE 2100 Pennsylvania Avenue, N.W. Suite 800 Washington, D.C. 20037-3213 9. Statement and Signature. To the best of my knowledge and bel 	om correspondence led: AK & SEAS, PLLC DO NOT WR	 6. Total number of appli 7. Total Fee (37 CFR 3.4 ☑ Enclosed. P connection with this Assi ☑ Authorized t 8. Deposit Account No. ITE IN THIS SPACE ation is true and correct and	ications and registration involved: 1 41): \$40.00 Please charge any underpayment in ignment to Deposit Account No. 19-4880 19-4880 19-4880 ind any attached copy is a true copy of the
 5. Name and address of party to who concerning document should be mail SUGHRUE, MION, ZINN, MACPE 2100 Pennsylvania Avenue, N.W. Suite 800 Washington, D.C. 20037-3213 9. Statement and Signature. 70 the best of my knowledge and bel original document. JELL J. Frank Osha 	DO NOT WR	 6. Total number of appli 7. Total Fee (37 CFR 3.4 ☑ Enclosed. P connection with this Assi ☑ Authorized to a structure of the structure of t	ications and registration involved: 1 41): \$40.00 Please charge any underpayment in ignment to Deposit Account No. 19-4880 19-4880 nd any attached copy is a true copy of the August 22, 2000
 5. Name and address of party to who concerning document should be mail SUGHRUE, MION, ZINN, MACPE 2100 Pennsylvania Avenue, N.W. Suite 800 Washington, D.C. 20037-3213 9. Statement and Signature. 9. Statement and Signature. To the best of my knowledge and bel original document. JELL J. Frank Osha 	DO NOT WR	 6. Total number of appli 7. Total Fee (37 CFR 3.4 ☑ Enclosed. P connection with this Assi ☑ Authorized to a structure of the structure of t	ications and registration involved: 1 41): \$40.00 Please charge any underpayment in ignment to Deposit Account No. 19-4880 to be charged to Deposit Account 19-4880 nd any attached copy is a true copy of the <u>August 22, 2000</u> Date
 5. Name and address of party to who concerning document should be mail SUGHRUE, MION, ZINN, MACPE 2100 Pennsylvania Avenue, N.W. Suite 800 Washington, D.C. 20037-3213 9. Statement and Signature. 70 the best of my knowledge and bel original document. JELL J. Frank Osha 	om correspondence led: AK & SEAS, PLLC DO NOT WR lief, the foregoing inform Reg. No.	 6. Total number of appli 7. Total Fee (37 CFR 3.4 ☑ Enclosed. P connection with this Assi ☑ Authorized to a structure of the structure of t	ications and registration involved: 1 41): \$40.00 Please charge any underpayment in ignment to Deposit Account No. 19-4880 to be charged to Deposit Account 19-4880 nd any attached copy is a true copy of the <u>August 22, 2000</u> Date
 5. Name and address of party to who concerning document should be mail SUGHRUE, MION, ZINN, MACPE 2100 Pennsylvania Avenue, N.W. Suite 800 Washington, D.C. 20037-3213 9. Statement and Signature. 9. Statement and Signature. 9. Statement and Signature. 10. J. Frank Osha 10. TOTAL NUMBER OF PA 11. OMB No. 0651-0011 (exp. 4/94) 	om correspondence led: AK & SEAS, PLLC DO NOT WR lief, the foregoing inform Reg. No. .GES COMPRISING C Do not de	 6. Total number of appli 7. Total Fee (37 CFR 3.4	ications and registration involved: 1 41): \$40.00 Please charge any underpayment in ignment to Deposit Account No. 19-4880 to be charged to Deposit Account 19-4880 nd any attached copy is a true copy of the <u>August 22, 2000</u> Date
 5. Name and address of party to who concerning document should be mail SUGHRUE, MION, ZINN, MACPE 2100 Pennsylvania Avenue, N.W. Suite 800 Washington, D.C. 20037-3213 9. Statement and Signature. 9. Statement and Signature. To the best of my knowledge and bel original document. JELL J. Frank Osha TOTAL NUMBER OF PA OMB No. 0651-0011 (exp. 4/94) Mail documents to be recorded with the second secon	DO NOT WR DO NOT WR lief, the foregoing inform Reg. No. GES COMPRISING C Do not de required cover sheet infor Assistant Con	 6. Total number of appli 7. Total Fee (37 CFR 3.4 ☐ Enclosed. P connection with this Assi ☐ Authorized the second secon	ications and registration involved: 1 41): \$40.00 Please charge any underpayment in ignment to Deposit Account No. 19-4880 to be charged to Deposit Account 19-4880 nd any attached copy is a true copy of the <u>August 22, 2000</u> Date
 5. Name and address of party to who concerning document should be mail SUGHRUE, MION, ZINN, MACPE 2100 Pennsylvania Avenue, N.W. Suite 800 Washington, D.C. 20037-3213 9. Statement and Signature. 9. Statement and Signature. 9. Statement and Signature. 10. J. Frank Osha 10. TOTAL NUMBER OF PA 11. OMB No. 0651-0011 (exp. 4/94) 	DO NOT WR bied: AK & SEAS, PLLC DO NOT WR lief, the foregoing inform Reg. No. GES COMPRISING C Do not de required cover sheet infor Assistant Con Box	 6. Total number of appli 7. Total Fee (37 CFR 3.4	ications and registration involved: 1 41): \$40.00 Please charge any underpayment in ignment to Deposit Account No. 19-4880 to be charged to Deposit Account 19-4880 nd any attached copy is a true copy of the <u>August 22, 2000</u> Date

PATENT REEL: 011073 FRAME: 0384

Assignment

Whereas, I/Wg, Tomohiro FUJII Tokyo, Japan

hereinafter called assignor(s), have invented certain improvements in GPS TERMINAL, POSITION MEASURING SYSTEM, AND MAP DISPLAY METHOD USING THE SAME

and executed an application for Letters Patent of the United States of America therefor on August 15, 2000 ; and

Whereas, NEC Corporation 7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan

(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee. its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and I/we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request my attorneys SUGHRUE, MION, ZINN, MACPEAK & SEAS of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3202 to insert here in parentheses (Application number ______) the filing date and application number of said application when known.

August 15, Date: 2000	s/ Tomohiro FUJII
Date:	s/
Date:	s/
WITNESS: Date:	s Jakeshi Matsumos
Date:	s Heromuta

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

8/92

RECORDED: 08/22/2000

PATENT REEL: 011073 FRAME: 0385

of