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3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of name <input type="checkbox"/> Other Execution date: July 10, 2001			
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: July 10, 2001 A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No.			
5. Name and address of party to whom correspondence concerning document should be mailed: Morris Liss Connolly Bove Lodge & Hutz Suite 800 1990 M Street, N.W. Washington, D.C. 20036-3425		6. Total Number of applications and patents involved [1] 7. Total fee (37 C.F.R. 3.41)....\$40.00 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to Deposit Account No. 22-0185 <input checked="" type="checkbox"/> Charge deficiencies/credit overpayments to Deposit Account 22-0185 8. Deposit Account No. 22-0185	
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9. Statement and signature. 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. for <u>Patrick Wells</u> 46,355 Date: <u>8/21/01</u> Morris Liss, Reg. No. 24,510			
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ASSIGNMENT

- (1-5) *Insert Name(s) of Inventor(s)*
- (1) Yuji Kanno
- (2) _____
- (3) _____
- (4) _____ and
- (5) _____
- In consideration of the sum of ten dollars (\$10.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to
- (6) *Insert name of Assignee*
- (6) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.
- (7) *Insert address of Assignee*
- (7) of 1006, Oaza Kadoma Kadoma-shi, Osaka 571-0000, Japan
(hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, in the invention, and all applications for patent and any Letters Patent which may be granted therefor, known as
- (8) *Insert Title of Invention*
- (8) VECTOR INDEX PREPARING METHOD, SIMILAR VECTOR
SEARCHING METHOD, AND APPARATUSES FOR THE METHODS
- _____
- for which the undersigned has (have) signed an application for patent in the United States of America
- (9) *Insert Date of Signing of Application*
- (9) on July 10, 2001
- (10) *Alternative identification for filed applications*
- (10) U.S. application Serial No. _____
filed _____

- 1) The undersigned agree(s) to sign all papers necessary in connection with the application and any continuing or divisional application thereof and also to sign separate assignments in connection with such applications as the Assignee may deem necessary or expedient.
- 2) The undersigned agree(s) to sign all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
- 3) The undersigned agree(s) to sign all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.
- 5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire right, title and interest, and hereby covenants that he (she) has (they have) full right to convey the entire right, title and interest herein assigned, and that he (she) has (they have) not signed and will not sign, any agreement in conflict therewith.
- 6) The undersigned hereby grant(s) the firm of **CONNOLLY BOVE LODGE & HUTZ LLP, 1990 M Street, N.W., Suite 800, P.O. Box 19088, Washington, D.C. 20036** the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

In witness whereof, signed by the undersigned on the date(s) opposite the undersigned name(s).

Date <u>July 10, 2001</u>	Signature of Inventor <u>Yuji Kanno</u>
Date _____	Signature of Inventor _____
Date _____	Signature of Inventor _____
Date _____	Signature of Inventor _____
Date _____	Signature of Inventor _____

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A., or (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

	Mitsuaki Inaba	
Date <u>July 10, 2001</u>	Witness <u>Mitsuaki Inaba</u>	
	Yoshio Fukushige	
Date <u>July 10, 2001</u>	Witness <u>Yoshio Fukushige</u>	