
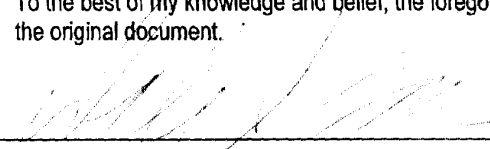


MO 4-17-98

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TO THE ASSISTANT COMMISSIONER OF PATENTS AND TRADEMARKS. SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.													
1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)): <div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> 1. Shigeo TSUCHIYA 3. Hiroshi NAKANE 5. 7. </div> <div style="width: 48%;"> 2. Tatsuro SHIMIZU 4. 6. 8. </div> </div> ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO													
2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST: NAME: KABUSHIKI KAISHA TOSHIBA ADDRESS: 72 Horikawa-cho, Saiwai-ku, Kawasaki-shi, JAPAN ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO													
3. NATURE OF CONVEYANCE (DOCUMENT): (Submit herewith <u>only one document</u> for recordation—multiple copies of same Assignment signed by different inventors is one document) <div style="display: flex; justify-content: space-between;"> <div> <input checked="" type="checkbox"/> ASSIGNMENT OF <input checked="" type="checkbox"/> WHOLE <input type="checkbox"/> PART INTEREST <input type="checkbox"/> CHANGE OF NAME <input type="checkbox"/> VERIFIED TRANSLATION <input type="checkbox"/> SECURITY <input type="checkbox"/> MERGER <input type="checkbox"/> OTHER: </div> <div style="border: 1px solid black; padding: 5px; width: 30%;"> EXEC. DATE: October 27, 1997 and October 28, 1997 </div> </div>													
EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!)													
4.5 APPL. NO(S) OR PAT NO(S). OTHERS ON ADDITIONAL SHEET(S) attached? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">A. PAT. APP. NO(S) <small>series code/serial no</small></th> <th style="width: 10%;">M#</th> <th style="width: 60%;">1st INVENTOR <small>if not in item 1</small></th> </tr> </thead> <tbody> <tr> <td>08/961,099</td> <td>242881</td> <td></td> </tr> </tbody> </table>	A. PAT. APP. NO(S) <small>series code/serial no</small>	M#	1 st INVENTOR <small>if not in item 1</small>	08/961,099	242881		<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">B. PATENT NO(S)</th> <th style="width: 10%;">M#</th> <th style="width: 60%;">1st INVENTOR <small>if not in item 1</small></th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>	B. PATENT NO(S)	M#	1 st INVENTOR <small>if not in item 1</small>			
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08/961,099	242881												
B. PATENT NO(S)	M#	1 st INVENTOR <small>if not in item 1</small>											
5. Name & Address of Party to Whom Correspondence Concerning Document Should be Mailed: Pillsbury Madison & Sutro LLP Intellectual Property Group 1100 NEW YORK AVENUE, N.W. NINTH FLOOR, EAST TOWER WASHINGTON, D.C. 20005-3918 5.5 ATTY DKT:	6. NUMBER INVOLVED: APPLNS 1 + PATS 0 = TOTAL 1 7. AMOUNT OF FEE ENCLOSED: (Code 581) ABOVE TOTAL x \$40 = \$40												
<div style="display: flex; justify-content: space-between;"> <div> PMS 242881 MATTER NO. </div> <div> T4KF-97S0414-1 CLIENT REF. </div> </div>	8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975 <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">UNDER ORDER NO</td> <td style="width: 33%;">8312</td> <td style="width: 33%;">242881</td> </tr> <tr> <td>dup. sheet not required</td> <td>CLIENT NO.</td> <td>MATTER NO.</td> </tr> </table>	UNDER ORDER NO	8312	242881	dup. sheet not required	CLIENT NO.	MATTER NO.						
UNDER ORDER NO	8312	242881											
dup. sheet not required	CLIENT NO.	MATTER NO.											
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. <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="width: 45%;">  Signature </div> <div style="width: 50%;"> <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 70%;"> 10. Total number of pages including this cover sheet, attachments and document (do not file dup. Cover sheet) </td> <td style="width: 30%; text-align: center;">3</td> </tr> </table> </div> </div>		10. Total number of pages including this cover sheet, attachments and document (do not file dup. Cover sheet)	3										
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<div style="display: flex; justify-content: space-between;"> <div> Attorney: Dale S. Lazar Reg. No. 28872 Atty/Sec: DSL/dcw </div> <div> Date: April 17, 1998 TEL: (202) 861-3527 FAX: (202) 822-0944 </div> </div>													

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PAT-114X 3/98

A S S I G N M E N T

In consideration of value received, I, having a post office address at c/o Intellectual Property Division, KABUSHIKI KAISHA TOSHIBA, 1-1 Shibaura 1-chome, Minato-ku, Tokyo 105, Japan and a residence as stated below next to my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

DISK DISCRIMINATION METHOD AND DEVICE

said application having been filed on October 30, 1997
and assigned Serial No. ;
sell and assign to
KABUSHIKI KAISHA TOSHIBA
a corporation of Japan, having a business address at
72 Horikawa-cho, Saiwai-ku, Kawasaki-shi, Japan

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said application for United States patent: (check one)

☒ executed concurrently herewith:

☐ executed separately herefrom:

and in and to all applications for patent and patents for said invention, in all countries of the world, including all divisions, reissues, continuations, substitutions and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention in all countries.

I hereby grant the following law firm 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 U.S. Patent and Trademark Office for recordation of this document.

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Madison & Sutro, LLP, Ninth Floor, East Tower, 1100 New York Avenue,
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97S0414-1

Date _____

Residence

Oct. 27. 1997

Yokohama-shi, Japan

Dec. 27 1997

Yokohama-shi, Japan

Oct 27 1997

Fukaya-shi, Saitama-ken, Japan

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