

04-08-2002



TO THE ASSISTANT COMMISSIONER OF
SIR: PLEASE RECORD THE ATTACHED (

OF.

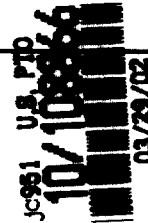
1. NAME OF CONVEYING PARTY(IES) (ASSIGNOR(S))

102047030

- 1. Kazuhiro SHIBA
- 3. Jun FUJITA
- 5.
- 7.

3/29/02

- 2. Minoru HAMAMURA
- 4.
- 6.
- 8.



ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? YES NO

2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:

NAME: Toshiba Kikai Kabushiki Kaisha

ADDRESS: 2-11, 4-chome Ginza, Chuo-ku, Tokyo 104-0061 Japan

10/108866

ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? YES NO

3. NATURE OF CONVEYANCE (DOCUMENT):

(Submit herewith only one document for recordation—multiple copies of same Assignment signed by different inventors is one document)

- ASSIGNMENT OF WHOLE PART INTEREST
- ORIGINAL FACSIMILE/PHOTOCOPY
- CHANGE OF NAME VERIFIED TRANSLATION
- SECURITY MERGER OTHER:

EXEC. DATE: (1-2) March 22, 2002; (3) March 23, 2002

EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) (1-2) March 22, 2002; (3) March 23, 2002

4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? YES NO

A. PAT. APP. NO.(S) series code/serial no	M#	1 st INVENTOR if not in item 1	B. PATENT NO(S)	M#	1 st INVENTOR if not in item 1
New Application	291122				

5. Name & Address of Party to Whom Correspondence Concerning Document Should be Mailed: Pillsbury Winthrop LLP Intellectual Property Group 1600 Tysons Boulevard McLean, VA 22102	6. NUMBER INVOLVED: APPLNS <u>1</u> + PATS <u>0</u> = TOTAL = <u>1</u>
	7. AMOUNT OF FEE ENCLOSED: (Code 581) ABOVE TOTAL x \$40 = \$40

5.5 ATTY DKT: P 291122	01/8116-TMC-US	8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975
MATTER NO.	CLIENT REF.	UNDER ORDER NO
		dup. sheet not required
		CLIENT NO.
		MATTER NO.

9. 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.

Dale S. Lazar
Signature

10. Total number of pages including this cover sheet, attachments and document (do not file dup. Cover sheet) 3

Attorney: Dale S. Lazar
Reg. No. 28872
Atty/Sec: DSL/vaw

Date: March 29, 2002
FAX: (703) 905-2500

TEL: (703) 905-2126

FILE WITH PTO RETURN RECEIPT (PAT-103A)

04/30/2002 MAHME1 00000033 10108866
40.00 GP

U.S. ASSIGNMENT

WHEREAS:

Kazuhiro SHIBA whose full post office address is,
Reikusaide Kadoike B-107, 120-2, Okaisshiki, Numadu-shi,
Shizuoka-ken, Japan,

Minoru HAMAMURA whose full post office address is,
Reikusaide Kadoike A202, 120-2, Okaisshiki, Numadu-shi,
Shizuoka-ken, Japan,

Jun FUJITA whose full post office address is,
18-5, Asahigaoka, Mishima-shi, Shizuoka-ken, Japan and
 (hereinafter referred to as ASSIGNOR), has/have invented
 certain new and useful :

POSITION CONTROL APPARATUS AND POSITION CONTROL METHOD

(a) for which an application for United States Letters Patent
 is being executed and filed concurrently herewith;

(b) for which an application for United States Letters Patent
 was executed on _____;

(c) for which an application for United States Letters Patent
 was filed on _____,

Serial No. _____;

(d) for which an PCT International application was filed on
 _____ as International application No. _____.

WHEREAS:

TOSHIBA KIKAI KABUSHIKI KAISHA

2-11, 4-chome Ginza, Chuo-ku, Tokyo 104-0061 Japan

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire

interest in, to and under said invention and in, to and under Letters Patent or similar legal protection to be obtained therefor in the United States and in any and all foreign countries.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt and sufficiency of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE, its lawful successors and assigns, the full and exclusive right, title and interest to said invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application or any continuation, division, continuation-in-part, reexamination, renewal, substitute, extension or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted; and authorize and request the Commissioner of Patent of the United States and any official of any foreign country whose duty it is to issue patents of legal equivalents thereto, to issue same for this invention to ASSIGNEE, its lawful successors and assigns.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I/WE have hereunto set hand and signed on the date indicated below:

<u>INVENTOR(S)</u>	<u>DATE SIGNED</u>	<u>WITNESS(ES)</u>
1) <u>Kazuhiko Shiba</u>	<u>3.22.2002</u>	<u>Katuya Kuniyoshi</u>
2) <u>Minoru Hamamura</u>	<u>3.22.2002</u>	<u>Katuya Kuniyoshi</u>
3) <u>Jun Fujita</u>	<u>3.23.2002</u>	<u>Katuya Kuniyoshi</u>