

02-08-2000

BOX ASSIGNMENTS



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TO THE ASSISTANT COMMISSIONER OF PATENTS AND TRADEMARKS:
SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

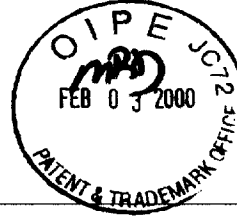
1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)):

1. Shunji UENO

2. Koichiro OCHIAI

3.
4.
5.
6.
7.
8.

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



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

NAME: Kabushiki Kaisha Toshiba

ADDRESS: 72 Horikawa-cho, Saiwai-ku, Kawasaki, Kanagawa, Japan

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) January 11, 2000; (2) January 12, 2000

EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) (1) January 11, 2000; (2) January 12, 2000

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* INVENTOR if not in item 1	B. PATENT NO(S)	M#	1* INVENTOR if not in item 1
09/433,354	264946				

5. Name & Address of Party to Whom Correspondence Concerning Document Should be Mailed:
Pillsbury Madison & Sutro LLP
Intellectual Property Group
1100 New York Avenue, NW
Ninth Floor
Washington, DC 20005-3918

6. NUMBER INVOLVED:
APPLNS 1 + PATS _____ = TOTAL 1

7. AMOUNT OF FEE ENCLOSED: (Code 581)
ABOVE TOTAL x \$40 = \$40

5.5 ATTY DKT:

PMS 264946	F991732	8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975
MATTER NO.	CLIENT REF.	UNDER ORDER NO 7324 264946
		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.

10. Total number of pages including this cover sheet, attachments and document (do not file dup. Cover sheet) 2

Barbara M. Flaherty for #4,019
Signature

Attorney: Glenn J. Perry
Reg. No. 28458
Atty/Sec: GJP/nmw

Date: February 3, 2000
FAX: (202) 822-0944

TEL: (202) 861-3070

FILE WITH PTO RETURN RECEIPT (PAT-103A)

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11 FEB 01

PAT-114X 11/1999

PATENT
REEL: 010523 FRAME: 0817

NONPROVISIONAL

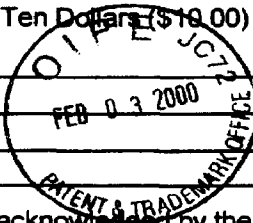
NONPROVISIONAL

**ASSIGNMENT
 OF NONPROVISIONAL APPLICATION**

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit:

INSERT
 NAME(S) OF
 INVENTOR(S)

(1) Shunji UENO	(4)
(2) Koichiro OCHIAI	(5)
(3)	[] x box if continued on page 2



the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto:

INSERT
 NAME(S) OF
 ASSIGNEE(S)
 & ADDRESS(ES)

KABUSHIKI KAISHA TOSHIBA
 of 72 Horikawa-cho, Saiwai-ku
 Kawasaki, Kanagawa, Japan

(hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof, and all resulting patents, known as

TITLE OF
 INVENTION

FAN FOR REFRIGERATOR

for which the undersigned executed an application for Letters Patent of the United States of America:

NOTE -->
 (Complete
 line A, B and/or C)

- (A) even date herewith
 (B) on _____
 (C) in U.S. Appln. No. 09 / 433,354 filed November 4, 1999

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

NOTE --> The undersigned hereby authorize(s) Cushman Darby & Cushman, L.L.P. of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

INVENTOR(S)

DATE SIGNED

WITNESSES

1) <u>Shunji Ueno</u> Name: <u>Shunji UENO</u>	<u>Jan. 11, 2000</u>	<u>Hideto Kuyama</u> Hideto KUYAMA
2) <u>Koichiro Ochiaz</u> Name: <u>Koichiro OCHIAI</u>	<u>Jan 12, 2000</u>	<u>Hideto Kuyama</u> Hideto KUYAMA
3) _____ Name: _____	_____	_____
4) _____ Name: _____	_____	_____
5) _____ Name: _____	_____	_____

IF ADDITIONAL INVENTORS, check box and continue on page 2.

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the INVENTION ENTITLED
FAN FOR REFRIGERATOR

the specification of which (CHECK applicable BOX(ES))

-> [] is attached hereto.

-> [X] was filed on November 4, 1999 as U.S. Application No. 09/ 433,354

X BOX(ES) -> [] was filed as PCT International Application No. PCT/ / on

-> -> and (if applicable to U.S. or PCT application) was amended on

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. 1.56. I hereby claim foreign priority benefits under 35 U.S.C.119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate filed by me or my assignee disclosing the subject matter claimed in this application and having a filing date (1) before that of the application on which priority is claimed, or (2) if no priority claimed, before the filing date of this application:

PRIOR FOREIGN APPLICATION(S)

Number	Country	Day/MONTH/Year Filed	Date first Laid- open or Published	Date Patented or Granted	Priority Claimed	
					Yes	No
10-314631	Japan	5/November/1998			YES	

I hereby claim domestic priority benefit under 35 U.S.C.120/365 of the indicated United States applications listed below and PCT international applications listed above or below and, if this is a continuation-in-part (CIP) application, insofar as the subject matter disclosed and claimed in this application is in addition to that disclosed in such prior applications, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in 37 C.F.R. 1.56 which became available between the filing date of each such prior application and the national or PCT international filing date of this application:

PRIOR U.S. PROVISIONAL, NONPROVISIONAL AND/OR PCT APPLICATION(S)

Application No. (series code/serial no.)	Day/MONTH/Year Filed	Status pending, abandoned, patented	Priority Claimed	
			Yes	No

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

And I hereby appoint Cushman Darby & Cushman, L.L.P., 1100 New York Avenue, N.W., Ninth Floor, East Tower, Washington, D.C. 20005-3918, telephone number (202) 861-3000 (to whom all communications are to be directed), and the below-named persons (of the same address) individually and collectively my attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent, and I hereby authorize them to delete names/numbers below of persons no longer with their firm and to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/organization who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Cushman Darby & Cushman in writing to the contrary.

Paul N. Kokulis	16773	David W. Brinkman	20817	Chris Comuntzis	31097	David A. Jakopin	32995
Raymond F. Lippitt	17519	George M. Sirilla	18221	Lawrence Harbin	27644	Mark G. Paulson	30793
G. Lloyd Knight	17698	Donald J. Bird	25323	Paul E. White, Jr.	32011	James D. Berquist	34776
Carl G. Love	18781	W. Warren Taltavull	25647	Michelle N. Lester	32331	Timothy J. Klima	34852
Edgar H. Martin	20534	Peter W. Gowdey	25872	Jeffrey A. Simenauer	31993	John P. Moran	30906
William K. West, Jr.	22057	Dale S. Lazar	28872	Robert A. Molan	29834		
Kevin E. Joyce	20508	Glenn J. Perry	28458	G. Paul Edgell	24238		
Edward M. Prince	22429	Kendrew H. Colton	30368	Lynn E. Eccleston	35861		

- INVENTOR'S SIGNATURE: Shunji Ueno Date Jan. 11, 2000
 Inventor's Name (typed) Shunji UENO Japan
 Residence (City) Osaka First Middle Initial Family Name Country of Citizenship
 Post Office Address (Include Zip Code) c/o Osaka Works, KABUSHIKI KAISHA TOSHIBA, 1-6 Ohtatoshiba-cho, Ibaraki
 - INVENTOR'S SIGNATURE: Koichiro Ochiai Date Jan. 12, 2000
 Inventor's Name (typed) Koichiro OCHIAT Japan
 Residence (City) Takatsuki First Middle Initial Family Name Country of Citizenship
 Post Office Address (Include Zip Code) c/o Osaka Branch, TOSHIBA AVE CO, LTD., 1-6 Ohtatoshiba-cho, Ibaraki
Osaka, Japan
 - INVENTOR'S SIGNATURE: _____ Date _____
 Inventor's Name (typed) _____ First Middle Initial Family Name Country of Citizenship
 Residence (City) _____ (State/Foreign Country) _____
 Post Office Address (Include Zip Code) _____
- (FOR ADDITIONAL INVENTORS, check box [] and attach sheet (CDC-116.2) for same information for each re signature, name, date, citizenship, residence and address.)