Attorney Docket No. 020285



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Commissioner for Patents: Please record the attached original documents or copy thereof.

Submission type: XX New

Conveyance type: XX Assignment

Conveying Party(ies): <u>Execution Date</u>

First party Name: TANAKA, Atsuko January 22, 2002

Second party Name: OHNISHI, Masuo January 22, 2002

Third party Name:

Additional name(s) of conveying party(ies) attached? Yes ____ No XX

Receiving Party (ies):

First party Name: FUJITSU LIMITED

Address: 1-1, Kamikodanaka 4-chome, Nakahara-ku,

Kawasaki-shi, Kanagawa, 211-8588 Japan

Additional name(s) & address(es) attached? Yes ___ No XX

Domestic Representative Name and Address (Enter for the first Receiving Party only)

ARMSTRONG, WESTERMAN & HATTORI, LLP 1725 K Street, N.W., Suite 1000 Washington, D.C. 20006

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02 FC:581 40.00 DP

PATENT REEL: 012692 FRAME: 0426

Page 2						
Correspondent Name and Address Telephone: 202-659-2930 ARMSTRONG, WESTERMAN & HATTORI, LLP 1725 K Street, N.W., Suite 1000 Washington, D.C. 20006						
Pages Enter the total number of pages of the attached conveyance document:1 (including any attachments, but not counting cover sheets)						
Application Number(s) or Patent Number(s) Additional numbers attached? Yes No _XX_						
A. Patent Application No.(s) ## B. Patent No.(s) ##						
If this document is being filed together with a <u>new</u> application, enter the date the application was signed by the first named executing inventor:						
(Do not recite both application and patent numbers.)						
Patent Cooperation Treaty (PCT) PCT						
Enter PCT application number only if a U.S. Application Number has not been assigned PCT PCT PCT PCT PCT PCT PCT PC						
Number of Properties Enter the total number of properties involved:1						
Fee Amount Fee Amount for Properties Listed (37 CFR 3.41) \$40.00						
XX Enclosed						
Authorized to be charged to Deposit Account No.: 01-2340						
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. William G. Kratz, Jr. Name of Person Signing Signature						
March 13, 2002 Date 22,631 Registration No.						

Rev. 11/00

PATENT REEL: 012692 FRAME: 0427

Docket	No.		

U.S. ASSIGNMENT

	IN CONSIDERATION of the consideration paid to the undersi	sum of One Dollar (\$1.00), and gned inventor(s) (hereinafter ASSIC	l of other good and valuable NOR) by			
(Insert ASSIGNEE's Name(s) Address(es))	Fujitsu Limited 1-1, Kamikodanaka 4-chome, Nakahara-ku.					
	Kawasaki-shi, Kanagawa 211-8588 Japan					
	(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled					
(Title of Invention)	Cooling Device Capable Of Reducing Thickness Of Electronic Apparatus					
(*If the assignment is being filed after the filing of the application, this	for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:					
section must be completed)	*filed on, Serial No (Armstrong, Westerman, Hattori, McLeland & Naughton is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)					
	and all Letters Patent of the United States to be obtained therefor on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.					
	The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.					
	The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.					
	IN WITNESS WHEREOF, the u	ndersigned inventor(s) has (have) aff	ixed his/her/their signature(s).			
Signatures)	atauba Fanaka	Atsuko Tanaka	22/01/02 (DATE)			
	Atsuko Fanaka (SIGNATURE) Mosuo Ohnishi	(TYPE NAME)	(DATE)			
	masuo Ohnishi	Masuo Ohnishi	22/01/02			
	(SIGNATURE)	(TYPE NAME)	(DATE)			
	(SIGNATURE)	(TYPE NAME)	(DATE)			
	(SIGNATURE)	(TYPE NAME)	(DATE)			
	(SIGNATURE)	(TYPE NAME)	(DATE)			
	(SIGNATURE)	(TYPE NAME)	(DATE)			
	(SIGNATURE)	(TYPE NAME)	(DATE)			
	(SIGNATURE)	(TYPE NAME)	(DATE)			
	(SIGNATURE)	(TYPE NAME)	(DATE)			

NO LEGALIZATION REQUIRED

PATENT REEL: 012692 FRAME: 0428

RECORDED: 03/13/2002