· · · · · · · · · · · · · · · · · · ·	Docket No.: L8462.04140
FORM PTO-1595 (Modified) 12-10-2004	SHEET U.S. DEPARTMENT OF COMMERCE
(Rev. 03-01) OMB No. 0651-0027 (exp.5/31/2002) P08A/REV03	Patent and Trademark Office
· · · · · · · · · · · · · · · · · · ·	
Table Director of the United States Patent and Trademark Office	e: Please record the attached original documents or copy thereof.
	Name and address of receiving party(ies):
Name of conveying party(ies): Emi KANAZAKI	F~ —
Satoshi SHIBATA	Name: Matsushita Electric Industrial Co., Ltd.
Fumitoshi KAWASE	Address: 1006, Oaza Kadoma, Kadoma-shi
Additional names(s) of conveying party(ies)	7497 11/0
3. Nature of conveyance:	——————————————————————————————————————
☐ Security Agreement ☐ Change of Name	City: Osaka State/Prov.:
☐ Other	Country: JAPAN ZIP: 571-0050
Execution Date: October 31, 2004 & November 1, 2004	Additional name(s) & address(es)
Patent Application No. Filing date 12/02/2004 ADSMAN1 00000054 11000223 01 FC:8021 (40.00 OP)	
Additional numbers	
5. Name and address of party to whom correspondence	☐ Yes ☒ No
concerning document should be mailed:	6. Total number of applications and patents involved:
concerning document should be mailed: Name: James E. Ledbetter	
	6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41):\$ 40.00 Enclosed - Any excess or insufficiency should be
Name: James E. Ledbetter	6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41):\$ 40.00
Name: James E. Ledbetter Registration No. 28,732	6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41):\$ 40.00 Enclosed - Any excess or insufficiency should be
Name: James E. Ledbetter Registration No. 28,732 Address: STEVENS, DAVIS, MILLER & MOSHER, LLP	7. Total fee (37 CFR 3.41):\$ Enclosed - Any excess or insufficiency should be credited or debited to deposit account
Name: James E. Ledbetter Registration No. 28,732 Address: STEVENS, DAVIS, MILLER & MOSHER, LLP	Total number of applications and patents involved: Total fee (37 CFR 3.41):\$ 40.00 Enclosed - Any excess or insufficiency should be credited or debited to deposit account Authorized to be charged to deposit account
Name: James E. Ledbetter Registration No. 28,732 Address: STEVENS, DAVIS, MILLER & MOSHER, LLP 1615 L. Street, NW, Suite 850	Total number of applications and patents involved: Total fee (37 CFR 3.41):\$ 40.00 Enclosed - Any excess or insufficiency should be credited or debited to deposit account Authorized to be charged to deposit account Deposit account number:
Name: James E. Ledbetter Registration No. 28,732 Address: STEVENS, DAVIS, MILLER & MOSHER, LLP 1615 L. Street, NW, Suite 850 City: Washington State/Prov.: DC Country: USA ZIP: 20036	Total number of applications and patents involved: Total fee (37 CFR 3.41):\$ 40.00 Enclosed - Any excess or insufficiency should be credited or debited to deposit account Authorized to be charged to deposit account Deposit account number: 19-4375
Name: James E. Ledbetter Registration No. 28,732 Address: STEVENS, DAVIS, MILLER & MOSHER, LLP 1615 L. Street, NW, Suite 850 City: Washington State/Prov.: DC Country: USA ZIP: 20036 DO NOT 9. Statement and signature. To the best of my knowledge and belief, the foregoing inform of the original document.	6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41):\$ 40.00 ☑ Enclosed - Any excess or insufficiency should be credited or debited to deposit account ☐ Authorized to be charged to deposit account 8. Deposit account number: 19-4375 (Attach duplicate copy of this page if paying by deposit account) USE THIS SPACE ation is true and correct and any attached copy is a true copy
Name: James E. Ledbetter Registration No. 28,732 Address: STEVENS, DAVIS, MILLER & MOSHER, LLP 1615 L. Street, NW, Suite 850 City: Washington State/Prov.: DC Country: USA ZIP: 20036 DO NOT 9. Statement and signature. To the best of my knowledge and belief, the foregoing inform	6. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41):\$ 40.00 ☑ Enclosed - Any excess or insufficiency should be credited or debited to deposit account ☐ Authorized to be charged to deposit account 8. Deposit account number: 19-4375 (Attach duplicate copy of this page if paying by deposit account) USE THIS SPACE ation is true and correct and any attached copy is a true copy

USA ASSIGNMENT OF PATENT APPLICATION

	-	Emi KANAZAKI		
	(2) –	Satoshi SHIBATA Fumitoshi KAWASE		
	(4)			
	(5)			
	considera		um of one dollar (\$1.00) and other good and valuable undersigned, the undersigned agree(s) to assign, and hereby	does
	(6)	MATSUSHITA ELE	CTRIC INDUSTRIAL CO., LTD.	
	(6a) c (7)		a, Kadoma-shi, Osaka 571-0050, JAPAN	
		of		
			signee) the entire rights, title and interest for the United Statessions, and for the country of	es, its
	(8) Letters Pa	ntent which may be grant	in the invention, and all applications for patent and any ted therefor, known as	
	(9)		HEAT TREATMENT METHOD AND LIGHT IRRADIATION APPARATUS (Case No)
			eve) executed on even date herewith an application for pate if not on even date, then has executed	nt in
	(10)	on	or has already filed	
	(11)	J.S. appln. Serial No.	, filed on	
	assignee a	at the time the invention		
1) The continuing or divis	undersigne sional appl	ed agree(s) to execute "	イス 世順序は上欄のタイプ順と同じ)。
continuing or divis	undersigne sional appl	ed agree(s) to execute · · · · · · · · · · · · · · · · · · ·	かたお願いします(記載順序は上欄のタイプ順と同じ)。
continuing or divis	undersigne sional appl	ed agree(s) to execute in iteration ment) の記載要領 ment) の 記載要領 発明者のサイン(ロー発明者 ナー目付の記	-マ字)をお願いします(記載順序は上欄のタイプ順と同じ 入もお願いします。 入しお願いします。 入しのサインと日付も合わせてお願いします。 入しのサインと日付も含わせておれて下さい。)。
continuing or divis as the Assignee 米国 讓渡証	undersignesional appl	ed agree(s) to execute in ication ment) の記載要領 ment) の記載要領 発明者のサイン(ロー 発明者のサインした日付の記 サインした日付の記	-マ字)をお願いします(記載順序は上欄のタイプ順と同じ 入もお願いします。 入もお願いします。 会人)のサインと日付も合わせてお願いします。 会人)のサインと日付も合わせてお願いします。 会人)のサインと日付も合わせてお願いします。 ぶあれば、発明者ご自身が訂正して下さい。).
continuing or divis	undersigne sional appl	ed agree(s) to execute in ination ment) の記載要領 発明者のサイン(ロー 発明者といた日付の記 サインした日付の記 Witness(連署人・立 よしも記述に誤記か	ーマ字)をお願いします(記載順序は上欄のタイプ順と同じ 入もお願いします。 入もお願いします。 会人)のサインと日付も合わせてお願いします。 会人)のサインと日付も合わせてお願いします。 会人)のサインと日付も合わせてお願いします。 会人)のサインと日付も合わせてお願いします。 た場合は、発明者で自身が訂正して下さい。 た場合は、発明者の仁シャルを添記して下さい。 た場合は、発明者の仁シャルを添記してできません。 た場合は、第二者が訂正することはできませの。) o ar
continuing or divis as the Assignee ~~ 米国 譲渡証 i.	undersigne sional appl	ed agree(s) to execute interval in the property of the prope	-マ字)をお願いします(記載順序は上欄のタイプ順と同じ 入もお願いします。 会人)のサインと日付も合わせてお願いします。 会人)のサインと日付も合わせてお願いします。 会人)のサインと日付も合わせてお願いします。 かあれば、発明者ご自身が訂正して下さい。 があれば、発明者のイニンヤルを添記して下さい。 た場合は、発明者のイニンヤルを添記してきません。 た場合は、第三者が訂正することはできません。 た後は、第三者が訂正することはできません。	ar valid
continuing or divis as the Assignee ~~ 米国 譲渡証 i. a,		Witness(連者人 もしも記述に誤記が もしも記述に誤記が 記載事項を訂正し 発明者がサインし 発明者がサインし	があれば、発明者のイースでとはできます。 た場合は、発明者が訂正することはできます。or simil た後は、第二者が訂正するのとはできます。 た後は、第二者が記述する prant of a d request(s) the Commissioner of Patents to issue any and all I	ar valid
i. a. Ur Pata the said Assignee,	orares re	Witness(連者) もしも記述に誤記か もしも記述に誤記か 記載事項を訂正し 発明者がサインし 発明者がサインし sulting from said applicate the of the entire interest, and	があれば、発明者のイーバーとはできました。 た場合は、発明者が訂正することはできます。 た後は、第三者が訂正することはできます。 た後は、第二者が記正することはできます。 た後は、第二者が記正することはできます。	etters reof to y the
i. a, Ur Pate the said Assignee, entire interest here herewith. 6) The to insert on this assumed States Pate.	as Assigned undersignment a sent Office for	Witness(連書課記か もしも記述に誤記か もしも記述に誤記か 記載事項を訂正し 発明者がサインし 発明者がサインし 発明者がけインし は authorize(s) and sulting from said applicate ee of the entire interest, and, and that he has (they ha	があれば、発明者の1ープランとはできずす or simil 大場合は、発明者が訂正することはできずす or simil 大後は、第二次mch may be necessary to obtain a grant of a d request(s) the Commissioner of Patents to issue any and all I tion or any division or divisions or continuing applications the nd hereby covenants that he has (they have) full right to converse on the executed and will not execute, any agreement in confirm of STEVENS, DAVIS, MILLER & MOSHER, L.L.P. the powhich may be necessary or desirable to comply with the rules of	valid Letters reof to y the ict
i. a. Ur Pate the said Assignee, entire interest herewith. 6) The to insert on this ass United States Pate. In witness	as Assigned undersigned signment a ent Office for ss whereof,	Witness(連書課記かせしも記述に誤記がまります。 もしも記述に誤記がまります。 記載事項を訂正し 発明者がサインし 発明者がサインし 発明者がけインし まutnorize(s) and sulting from said applicate ee of the entire interest, and d, and that he has (they have the deterory grant(s) the firm my further identification was or recordation of this doct executed by the undersign	d request(s) the Commissioner of Patents to issue any and all I tion or any division or divisions or continuing applications the had hereby covenants that he has (they have) full right to converave) not executed and will not execute, any agreement in confirm of STEVENS, DAVIS, MILLER & MOSHER, L.L.P. the powhich may be necessary or desirable to comply with the rules of the date(s) opposite the undersigned signature(s).	valid Letters reof to y the ict
i. a. Ur Pata the Sand Assignee, entire interest here herewith. 6) The to insert on this ass United States Pate. In witness	as Assigned assignment a cont Office for swhereof,	Witness(連書課記かせしままります。 もしも記述に誤記かせるという。 記載事項を訂正し 記載事項を訂正し 発明者がサインし 発明者がサインし 発明者がサインし 発明者がけインし さいでは、 and that he has (they have the deather identification we for recordation of this doct executed by the undersignature of Inventor Signature of Inventor	The state of the commissioner of Patents to issue any and all I tion or any division or divisions or continuing applications the ad hereby covenants that he has (they have) full right to converse on the converse of STEVENS, DAVIS, MILLER & MOSHER, L.L.P. the particular of the company be necessary or desirable to comply with the rules of the converse on the date(s) opposite the undersigned signature(s).	valid etters reof to y the ict ower
i. a. Ur Pata the said Assignee, entire interest here herewith. 6) The to insert on this ass United States Pate. In witness Date // / Date // John Date // Jo	as Assigned as Assigned assignment a cont Office for so whereof,	Witness(連書課記かせしままります。 もしも記述に誤記かせる。 記載事項を訂正し 発明者がサインし 発明者がサインし 発明者がサインし 発明者がサインし 発明者がサインし 発明者がサインし 会の the entire interest, and, and that he has (they have ed hereby grant(s) the firm my further identification was or recordation of this document executed by the undersignature of Inventor Signature of Inventor Signature of Inventor	があれば、発明者の1ーナることはできていて or simil 大場合は、発明者が訂正することはできていて or simil 大後は、第二者が訂正することはできていて or simil 大後は、第二者が訂正することはできていて or simil 大きない or any division or divisions or continuing applications the number of hereby covenants that he has (they have) full right to converse or one executed and will not execute, any agreement in confirm of STEVENS, DAVIS, MILLER & MOSHER, L.L.P. the powhich may be necessary or desirable to comply with the rules of the may be necessary or desirable to comply with the rules of the date(s) opposite the undersigned signature(s). (1)	valid etters reof to y the ict ower
i. a. Ur Pata the said Assignee, entire interest here herewith. 6) The to insert on this ass United States Pate. In witness Date // / Date // John Date // Jo	as Assigned assignment a cont Office for ss whereof,	Witness(連書課記かせしままります。 もしも記述に誤記かせるという。 記載事項を訂正し 記載事項を訂正し 発明者がサインし 発明者がサインし 発明者がサインし 発明者がけインし さいでは、 and that he has (they have the deather identification we for recordation of this doct executed by the undersignature of Inventor Signature of Inventor	The state of the	valid etters reof to y the ict ower
i. a. Ur Pate the said Assignee, entire interest here herewith. 6) The to insert on this assumited States Pate. In witnes Date // / Date // John Date // John Date // John Date Date Date Date Date Date Date Date	as Assigned undersigned signment a cont Office for swhereof,	Witness(連書課記力 もしも記述に誤記力 を明者がサインし 発明者がサインし 発明者がサインし 発明者がサインし 発明者がサインし 発明者がサインし 発明者がサインし 発明者がサインし 発明者がサインし のは、and that he has (they ha ed hereby grant(s) the firm ny further identification voor recordation of this docu executed by the undersig Signature of Inventor Signature of Inventor Signature of Inventor Signature of Inventor Signature of Inventor Signature of Inventor Signature of Inventor	The state of the	valid etters reof to y the ict ower of the
i. a. Ur Pata the said Assignee, entire interest herewith. 6) The to insert on this ass United States Pate. In witnes Date 11 1 2 Date 12 Date Date Date Counsel if outside	as Assigned undersigned signment a control office for swhereof, 2004	Witness(連書課記力 もしも記述に誤記力 もしも記述に誤記力 発明者がサインし 発明者がサインし 発明者がサインし 発明者がサインし 発明者がサインし 発明者がサインし 発明者がサインし 発明者がサインし を of the entire interest, and, and that he has (they have been thereby grant(s) the firm my further identification we for recordation of this doct executed by the undersignature of Inventor Signature of Inventor	The state of the commissioner of Patents to issue any and all I tion or any division or divisions or continuing applications the and hereby covenants that he has (they have) full right to convert ave) not executed and will not execute, any agreement in confirm of STEVENS, DAVIS, MILLER & MOSHER, L.L.P. the powhich may be necessary or desirable to comply with the rules of the complete of the date(s) opposite the undersigned signature(s). (1)	valid etters reof to y the ict ower of the

RECORDED: 12/01/2004

PATENT REEL: 016047 FRAME: 0646