12-28-2006

U.S. Department of Commerce United States Patent and Trademark Office

103354184

HEET

PATENTS ONLY

Our Ref.: 1275-75

To the Director of the U.S. Patent and Trademark Office: Please r	ecord the attached original documents or copy thereof.				
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):				
1 Kazuya Koyama 5	S f) (css)				
2 Masanobu Deguchi 6	1) Name: Sharp Kabushiki Kaisha				
3 7	Street Address: 22-22, Nagaike-cho, Abeno-ku				
Y Control of the Cont	City: Osaka-shi				
4 8	Si CO				
	State/Country: Osaka, Japan Zip: 545-8523				
Additional name/s of conveying party/ies attached?	- Z				
3. Nature of conveyance:	2) Name . 82				
Assignment	Street Address:				
Security Assignment Change of Name	City:				
Other	State: Zip:				
Execution Date: December 11, 2006 (both)	Additional name/s & address/es attached? Yes No				
4. Application number(s) or patent number(s):	s assignment is being filed together with a new application.				
A. Patent Application No(s).	B. Patent No(s).				
(1) To be assigned	(1)				
(2)	(2)				
(3)	(3)				
Additional numbers at					
5. Name and address of party to whom correspondence	6. Total number of applications & patents involved: 1				
concerning document should be mailed:					
	7. Total fee (37 CFR 3.41) \$ 40.00				
Name: H. Warren Burnam, Jr.	⊠ Enclosed				
	Authorized to be charged to deposit account #14-1140				
Internal Address:					
Internal Padress.	8. The Commissioner is hereby authorized to charge any				
Street Address: Nixon & Vanderhye P.C.	deficiency in the fee(s) filed, or asserted to be filed, or which				
901 North Glebe Road	should have been filed herewith (or with any paper thereafter				
	filed in this application by this firm) to our Account No.				
11th Floor					
City: Arlington State: VA Zip: 22203	14-1140.				
DO NOT USE THIS SPACE					
9. Statements and signature.	Also to the sound annual and any attended assess to a time agen-				
To the best of my knowledge and belief, the foregoing informa	ation is true and correct and any attached copy is a true copy				
of the original document.					
H. Warren Burnam, Jr. Almel	December 20, 2006				
Name of Person Signing Signature Date					
Reg. No. 29,366					
Total number of pages including original cover sheet, attachments, and document: [2]					

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

12/21/2006 LWONDIN1 00000082 11642021

11 FC:8021

ልለ ለለ ለል

1152731

PATENT REEL: 018730 FRAME: 0919

	ASSIGNMENT OF U.S. PATENT APPLICATION						
	Kazuya KOYAM	A of Ikoma-sh	ni, Nara	, Japan	n and		
(inventors)		UCHI of Kashi					
(Assignee)	considerations pa	aid to each of the u gn, transfer and se	ndersigne	d, the und) and other good and valuable ersigned agree(s) to assign, and orporation of Japan	t	
(Address)	22-22, Nagai	ke-cho, Abend	-ku, Os		, Osaka, Japan		
(Title)	the United States	, its territories, dep	endencies	and poss	ed's entire right, title and interes sessions in the invention, and all y be granted therefore, known a		
(1166)	TONER CONTAI	NER AND TONE	SUPPLY	DEVICE	UNIT USING THE SAME		
		ed States of Ameri	ica or, if no	ot on even	date herewith an application for date, then has executed on ation Serial No,	on	
		acknowledges an me the invention w		of assignr	ment of this invention to said		
application or and also to e deem necess claims or pro agreements.	r any interference v xecute separate as sary or expedient a visions of the Inter	which may be declar esignments in conn and further to perfor national Conventio	ared and a lection with m any act n for Prote	ny continung such app which maection of In	ts necessary in connection with ling or divisional applications the plications as the Assignee may by be necessary in connection was dustrial Property or similar	ereof	
	undersigned agree ited States patent t		ffirmative a	acts which	may be necessary to obtain a g	ırant	
and all Letter continuing ap covenants the	rs Patent of the Uni oplications thereof t	ted States resulting to the said Assigner e) full right to conv	g from said ee, as Assi vey the ent	d application gnee of the ire interes	missioner of Patents to issue an on or any division or divisions or e entire interest, and hereby t herein assigned, and that he h ct herewith.	•	
this assignme rules of the U ASSIGNEE'S	ent any further ider Inited States Paten	itification which ma t Office for recorda Vanderhye P.C. h	ay be nece ation of this ave repres	ssary or d s docume	RHYE P.C. the power to insert of estrable in order to comply with nt. It is understood and agreed by ASSIGNEE and will continue to the state of the	the that	
In wit signature(s).		cuted by the under	rsigned on	the date(s) opposite the undersigned		
Date 11/D	ecember/2006	Signature of inve	entor	Kayura	d Kordma		
Date11/D	ecember/2006	Signature of inve	entor	<u>Masano</u>	nehu Dears di		
Date		Signature of inve	entor				
Date		Signature of inve	entor				
Date		Signature of inve	entor				
Witnessed by	y:			Date _			
Witnessed by	=			Date			
							

RECORDED: 12/20/2006

264637

PATENT REEL: 018730 FRAME: 0920

Case No. : _____