Docket No.: HIR-0018

FORM PTO-1595 (Modified) Rev. 03-01)	RECORDATION FORM COVER SHEET U.S. DEPARTMENT OF COMMERCE				
OMB No. 0551-0027 (exp.5/31/2002) 208A/REV04	PATENTS ONLY				
Tab settings → → → ▼	▼	*	▼	▼ ▼	
To the Director of the United States Paten	t and Trademark Of				
Name of conveying party(ies): Satoru Kobori		Name and address of receiving party(ies): Name: Japan Vilene Company, Ltd.			
		Address: 14	4-5, Soto-kanda 2-c	chome, Chiyoda-ku	
Additional names(s) of conveying party(ies)	☐ Yes ☒ No	Tokyo 101-86	14, Japan		
3. Nature of conveyance:					
	erger				
☐ Security Agreement ☐ Cl	nange of Name	City:	Sta	ate/Prov.:	
Other					
Execution Date: August 10, 2007		. Obanay		f=11 ·	
		Additional name	e(s) & address(es)	☐ Yes ☒ No	
Application number(s) or patent numbers	(s):				
If this document is being filed together with a	a new application,	the execution	date of the applica	ation is:	
Patent Application No. Filing dat			Patent No.(s)		
t atent Application No.					
11/840,305 08/17/2007	:				
Additional accepta		 Vae	⊠ No		
Additional numbers		6. Total number of applications and patents involved:			
5. Name and address of party to whom corr concerning document should be mailed:					
Name: Daniel P. Lent		7. Total fee (37 CFR 3.41):\$ 40.00			
		☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account			
Registration No. 44,867 Address: Cantor Colburn LLP					
		- ⊠ Authorized to be charged to deposit account			
55 Griffin Road South	8. Deposit account number:				
	44.44.44	- O. Doposit a			
City: Bloomfield State/Prov.: CT		06-1130			
Country: USA ZIP:	06002	(Attach du	plicate copy of this pa	ge if paying by deposit account)	
0.0000000000000000000000000000000000000	DO NO	OT USE THIS SPA	CE		
 Statement and signature. To the best of my knowledge and belief, to of the original document. 	the foregoing info	mation is true a	and correct and ar	ny attached copy is a true copy	
Daniel P. Lent		2 P. =	26	August 28, 2007	
Name of Person Signing		Signatur		3 Date	
Total numbe	er of pages including o	over sheet, attach	ments, and document:		

Mail documents to be recorded with required cover sheet information to:
Mail Stop Assignment Recordation Services
Director of the United States Patent and Trademark Office
P.O. Box 1460, Alexandria, VA 22313-1450

PATENT

ASSIGNMENT

WHEREAS I, Satoru Kobori (hereinafter referred to as "ASSIGNOR") of c/o Japan Vilene Company Ltd., 7, Kitatone, Koga-shi, Ibaraki 306-0213, Japan have invented certain new and useful improvements in:

FILTER ELEMENT, MANUFACTURING METHOD AND USING METHOD OF THE SAME

which claims priority to Japanese Application No. JP2006-222538, filed August 17, 2006, and for which I am about to file or have filed an application for Letters Patent of the United States;

AND WHEREAS, Japan Vilene Company, Ltd. (hereinafter referred to as "ASSIGNEE"), a corporation organized and existing under the laws of the Country of Japan, having a place of business at 14-5, Soto-kanda 2-chome, Chiyoda-ku, Tokyo 101-8614, Japan, is desirous of acquiring an interest in the United States and all foreign countries, in and to the said invention and Letters Patent to be obtained therefor;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, I, the said ASSIGNOR, have assigned and transferred, and hereby assign and transfer unto the said ASSIGNEE, the entire right, title and interest in and to said invention in the United States and in all foreign countries, including priority rights, as fully set forth and described in said application; and I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent on said application, and any and all Letters Patent that may be issued upon any and all revivals, refilings, continuations, continuations-in-part, divisions and reissues thereof, to the said ASSIGNEE, an assignee of the entire right, title and interest in and to the same, for the sole use and behoof of ASSIGNEE, its successors and assigns; and I do hereby agree that the said ASSIGNEE, may apply for foreign Letters Patent on said invention and that I will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by the said ASSIGNEE, its successors or assigns, and that I will, at the cost and expense of the said ASSIGNEE fully assist and cooperate in all matters in connection with the United States and foreign applications and patents issuing thereon.

> PATENT REEL: 019755 FRAME: 0230

The undersigned declare that all statements made herein of his 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 issuing thereon.

Date: August 10,2007

Satoru Kobori

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CERTIFICATE OF T	SIMILE (37 CFR 1.8)	Docket No.				
Applicant(s): Satoru Kobori			HIR-0018			
Application No.	Filing Date	Examiner	Group Art Unit			
11/840,305	08/17/2007					
Invention: FILTER ELEMENT, MANUFACTURING METHOD AND USING METHOD OF THE SAME						
		e e				
			<u>.</u>			
I hereby certify that this Recordation Form Cover Sheet with Assignment (3 pgs) (Identify type of correspondence)						
is being facsimile transmit	ted to the United States Patent	and Trademark Office (Fax. No.	1-571-273-0140			
on August 28, 2	2007					
(Date)						
	4					
	Addition of Company	Nancy K. Wilson (Typed or Printed Name of Person Signing Certificate)				
	(1.99) (1.95)	Many C. Welson (Signature)				

Note: Each paper must have its own certificate of mailing.

PATENT

P18/REV02

RECORDED: 08/28/2007

REEL: 019755 FRAME: 0232