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1. Name of conveying party(ies):  1) Alain BRUYERE  2) Christian DEBAILLE  3) Franck PERRET  Additional name(s) of conveying party(ies) attached?  Yes No	2. Name and address of receiving party(ies)  Name: HEXCEL FABRICS (societe anonyme)  Internal Address:
3. Nature of conveyance:  Assignment  Security Agreement  Other  Execution Date: July 17, 2001	Street Address: 3 Avenue Condorcet  69100 Villeurbanne, France City: State: ZIP:  Additional name(s) & address(es) attached? □ Yes & No
4. Application number(s) or patent number(s):  If this document is being filed together with a new application  A. Patent Application No.(s)  Serial No. 09/936,908, filed September 19, 2001	B. Patent No.(s)
Name and address of party to whom correspondence concerning document should be mailed:	Total number of applications and patents involved:     1
Name:	7. Total fee (37 CFR 3.41)\$\\\\\$40.00\$  Enclosed - Credit Card Form PTO-2038  Authorized to be charged to deposit account (IF NECESSARY)
Street Address: 1745 Jefferson Davis Highway 612 Crystal Square 4 City: Arlington State: VA ZIP: 22202	8. Deposit account number:  04-0753  (Attach duplicate copy of this page if paying by deposit account)
12/21/2001 TLUU11 00000001 09936908  0 F0:581 9. Statement and signature. To the best of my knowledge and belief, the foregoing info	ormation is true and correct and any attached copy is a true copy of
Ira J. Schultz, Reg. No. 28,666	Signature  Date  Date  Local Course heat Information to:

## ASSIGNMENT

•	and other good and valuable consideration, the receipt of which is	
	hereby acknowledged, the undersigned,	
ull name of nventor(s)	BRUYERE Alain - DEBAILLE Christian - PERRET Franck	
	hereby sell(s), assign(s) and transfer(s) to	
ull name and ddress of	d HEXCEL FABRICS (société anonyme) -	
ssignee(s)	3 Avenue Condorcet - 69100 VILLEURBANNE (FRANCE)	
	[hereinafter called the Assignee(s)] the entire right, title and interest in and to any and all improvements which are disclosed in the application for United States Letters Patent entitled	
itle of invention	A bias fabric a method of manufacture, and a loom for continuously	
	manufacturing such a fabric	
	which was filed by the undersigned in the form of an International Application which designated the United States of America under Number PCT/FR 00/00 710 on MARCH 22, 2000 and which entered the National Stage in the United States of America under Serial Number 09/936,908 on September 19, 2001; the aforesaid application for United States Letters Patent and all divisionals, continuations and substitutes thereof; and any and all United States Letters Patent which may be granted therefor and any and all extensions, reissues or renewals thereof; and the right to all benefits under the International Convention for the Protection of Industrial Property and under the Patent Cooperation Treaty.	
•	It is hereby authorized and requested that the Commissioner of Patents issue any and all of said Letters Patent, when granted, to said Assignee(s).	
	Further, it is agreed that, when requested, without charge to but at the expense of said Assignee(s), the undersigned will execute all divisional, continuing, substitute, renewal and reissue patent applications; execute all rightful other papers; and generally do everything possible which said Assignee(s) shall consider desirable for aiding in securing and maintaining proper patent protection.	
	Signed at LES AVENIERES	
Date	this 17 day of JOE!  INVENTOR(S):	
Full signature(s)	Albin Broyere Christian Debaille.	
of Inventor(s)	Christian Debaille.	

**RECORDED: 12/20/2001** 

Perret Franck

PATENT REEL: 012390 FRAME: 0824