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FORM F10-1393	-25-1999
1-31-92 Q · Q · C R E	Patent and Trademark
To the Honorable Commissioner of Patents and Tradema 10)1125568 ^{opy thereof.}
1. Name of conveying party(ies): Timothy George Ryan and Thomas Grierson Harvey	2. Name and address of receiving party(ies):
Additional name(s) of conveying party(ies) attached?yes X_n no	Name: Epigem Limited Internal Address:
	Street Address: Wilton Center
	P.O. Box 90 Wilton, Middlesbrough Cleveland TS 90 8JE United Kingdom
	Additional name(s) & address(es) attached? Yes X No
3. Nature of Conveyance:	
XAssignmentMerger	
Security Agreement Change of Name	
Other	
Execution Date: June 15, 1999	
4. Application number(s) or patent number(s):	
If this document is being filed together with a new application, the execu	tion date of the application is:
A. Patent Application No.(s)	B. Patent No.(s) 09/297484
09/297,484	
Additional numbers att	ached? Yes X_ No
Name and address of party to whom correspondence concerning documents should be mailed:	6. Total number of applications and patents involved:
Name: R William Beard Ir	
Internal Address: Frohwitter Three Riverway, Suite 500	
Internal Address: Frohwitter Three Riverway, Suite 500 PVOLPE 00000142:098957464 77056	
nternal Address: Frohwitter Three Riverway, Suite 500 PVOLPE 00000142:098957484 77056	7. Total fee (37 CFR 3.41) \$ 40.00
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PATENT REEL: 010178 FRAME: 0856

	U	NITE	D STATES OF AMERICA - ASSIGNMENT
(1-1)	Insert <u>Name(s)</u> of Inventors	(1)	Thomas Grierson Harvey
	v	(2)	Timothy George Ryan
		(3)	
		(4) (5)	and
			In consideration of the sum of one dollar (\$1.00), and other good and valuable considerations paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assigns, transfers and sets over to
(6)	Insert <u>Name</u> of Assignee	(6)	Epigem Limited
7)	Insert <u>Address</u> of Assignee	(7)	of Wilton Center, P.O. Box 90, Wilton, Middlesgrough,
8)	Insert <u>Legal Entity</u> and <u>State or</u> <u>Country</u> (e.g., a corporation or citizen of Japan)	(8)	a of <u>Cleveland TS90 8JE (GB)</u> (hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, in the invention known as
′9)	Insert <u>Identification</u> of Invention. such as Title, Case Number or Foreign Application Number	(9)	Multifunctional Microstructures and Preparation Thereof
			for which the undersigned has (have) executed an application for patent in the United States of America
(10)	Insert <u>Date</u> of signing of Application, or filing date and Serial No., if known	(10)	Said application having been executed/filed on $4730/99$ (and assigned
			Serial No)
• •	1) The undersigned agree(s) to exec	ute all p	apers necessary in connection with this application and any continuing or divisional applications thereof

and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.
2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application

or any continuing or divisional applications thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Union for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States resulting from this application or any continuing or divisional applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute any agreement in conflict herewith.

6) Assignor hereby further assigns to Assignee all claims and causes of action for infringement of the patent rights assigned herein, including the right to sue for, and collect damages for, any and all acts of past and future infringement.

The undersigned hereby grant(s) the law firm of

20004, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date 6/15/99 Name of Inventor typed name signature (SEAL) Cate 6/15/99 Name of Inventor typed name signature (SEAL) Cate Name of Inventor typed name signature Cate Name of Inventor (SEAL) (SEAL) Date Name of Inventor (SEAL)			ted by the undersigned on the d	ate(s) opposite the undersigned r	name(s)	
Cate 6/15/99 Name of Inventor Tradition (SEAL) Cate Name of Inventor Ityped name Signature Ityped name Signature (SEAL)	⊖ate	6/15/99	Name of Inventor		Thank to Harvey	(SEAL)
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Date Name of Inventor (SEAL)				typed name	signature	
	Date		Name of Inventor			(SEAL)
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This assignment should preferably be signed before a United States Consul if signed abroad, or a Notary Public if domestically signed. If not, then the execution by the inventor(s) should be witnessed by at least two witnesses who sign here:

Additional inventor's names and signatures

on a separate sheet.

Witness

Witness