AD 581. 40

09/979536

JUIN Rec'd PCT/PTO 06 NOV 2001

Form PTO-1595 (Rev. 03/10) OMB No. 0851-0027 (exp. 5/31/2002) To the Honorable Commissioner of. 1. Name of conveying party(ies): Nils Virving 1		04-25-2	003	
1. Name of conveying party(ies): Nils Virving Additional name(s) of conveying party(ies) Yes X No Security Agreement Merger Security Agreement Change of Name City: SUNDSVALL Execution Date: OCTOBER 11, 2001 Additional name(s) & Yes X No A Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the new application is: October 11, 2001 A Patent Application No.(s): B. Patent No.(s): Additional numbers attached? Yes X No A Patent Application No.(s): B. Patent No.(s): Additional numbers attached? Yes X No A Patent Application No.(s): B. Patent No.(s): Additional numbers attached? Yes X No A Patent Application No.(s): B. Patent No.(s): Colober 11, 2001 A Patent Application No.(s): B. Patent No.(s): Colober 11, 2001 A Patent Application No.(s): Colober 11, 2001 A Patent No.(s):	(Rev. 03/ 01)		U.S. Patent and Tr	
Nils Virving Name: VALMET FIBERTECH AB Internal Address:	To the Honorable Commissioner of	102431	ease record the attached original documents or	copy thereof
Additional name(s) of conveying party(ies) 3. Nature of Conveyance: X Assignment Security Agreement Other Execution Date: OCTOBER 11, 2001 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the new application is: Additional numbers attached? Yes X No Additional number of applications and patents involved: LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP Internal Address: Street Address: Additional numbers attached? Yes X No 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Arnold H. Krumholz ERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP Internal Address: Street Address: Street Address: Street Address: Street Address: Street Address: Authorized to be charged to deposit account number: 12-1095 (Attach duplicate copy of this page if paying by deposit account number: 12-1095 (Attach duplicate copy of this page if paying by deposit account number: 12-1095 Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Arnold H. Krumholz November 6, 2001 Name of Person Signing Internal Address: Street Address: Authorized to be charged to deposit account number: 12-1095 (Attach duplicate copy of this page if paying by deposit account number: 12-1095 (Attach duplicate copy of this page if paying by deposit account number: 12-1095 (Attach duplicate copy of this page if paying by deposit account number: 12-1095 (Attach duplicate copy of this page if paying by deposit account number: 12-1095 (Attach duplicate copy of this page if paying by deposit account number: 12	Name of conveying party(ies):	W-1.	2. Name and address of receiving party(is	es)
Additional name(s) of conveying party(ies) Yes x No 3. Nature of Conveyance:	• • •	11-2.01	Name: VALMET FIBERTECH AB	
Additional numbers attached? 3. Nature of Conveyance: X Assignment		1001		
3. Nature of Conveyance: X Assignment Security Agreement Other Execution Date: OCTOBER 11, 2001 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the new application is: Additional numbers attached? Additional number of application is: Determine the new application is: October 11, 2001 B. Patent No.(s): 5. Name and address of party to whom correspondence concerning document should be mailed: Amenia Arnold H. Krumholz Additional name(s) & additional name(s) & address is No. October 11, 2001 B. Patent No.(s): 5. Name and address of party to whom correspondence and paplication is: Determine the new application is: October 11, 2001 B. Patent No.(s): 5. Notal number of applications and patents involved: 1 Enclosed X Authorized to be charged to deposit accounts number: 12-1095 (Attach duplicate copy of this page if paying by deposit accounts number: 12-1095 (Attach duplicate copy of this page if paying by deposit accounts number: 12-1095 (Attach duplicate copy of this page if paying by deposit accounts number: 12-1095 (Attach duplicate copy of this page if paying by deposit accounts number: 12-1095 (Attach duplicate copy of this page if paying by deposit accounts number: 12-1095 (Attach duplicate copy of this page if paying by deposit accounts number: 12-1095 (Attach duplicate copy of this page if paying by deposit accounts number: 12			Street Address:	
X Assignment		Yes x No		
Security Agreement Change of Name Other Execution Date: OCTOBER 11, 2001 Additional name(s) & address(es) attached: Yes x No 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the new application is: A. Patent Application No.(s): Additional numbers attached? Yes x No 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Arnold H. Krumholz LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP Internal Address: Street Address: 600 South Avenue West DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Arnold H. Krumholz November 6, 2001 Name of Person Signing Signature To the Person Signing City: Signature City: SunDSVALL State: SWEDEN Zip: Sets 194 Additional name(s) & address(s) & attached: Yes x No October 11, 2001 Additional name(s) & address(s) & x No October 11, 2001 For the execution date of the new application is: October 11, 2001 Additional name(s) & address(s) attached: Yes x No 6. Total number of applications and patents involved: 1 Total fee (37 CFR 3.41) \$ 40.00 Enclosed X Authorized to be charged to deposit account number: 12-1095 (Attach duplicate copy of this page if paying by deposit account in the page if paying by deposit account in the page in paying by deposit account in the p	3. Nature of Conveyance:			
State: SWEDEN Zip: S-851 94 Additional name(s) & address(es) attached: 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the new application is: Additional numbers attached? Additional number of applications and patents involved: 1. Name and address of party to whom correspondence concerning document should be mailed: Name: Arnold H. Krumholz LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP Internal Address: Street Address: 600 South Avenue West City: State: Zip: Westfield NJ 07090 DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Arnold H. Krumholz Arnold H. Krumholz November 6, 2001 Name of Person Signing Stignature November 6, 2001	x Assignment	Merger		
Additional name(s) & address(es) attached: 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the new application is: A. Patent Application No.(s): Additional numbers attached? Additional number of applications and patents involved: 1 Additional numbers attached? Additional name(s) & address attached: Address: Additional name(s) & address attached: Address: Additional name(s) & address attached: Area Address: Additional name(s) & address attached: Address: Anola H. Krumholz Additional name(s) & address attached: Address: Additional name(s) & address attached: Area Address: Additional name(s) & address attached: Address: Additional name(s) & address attached: Address: Anola H. Krumholz Additional name(s) & address attached: Address: Additional name(s) attached: Address: Anola H. Krumholz Additional numbers attached? Yes X No Additional number attached? Yes X No Additional numbers attached? Yes X No Additional number attached? Yes X No Attached: A Total number of applications and patents involved: 1 A Total fee (37 CFR 3.41) \$	Security Agreement	Change of Name	City: SUNDSVALL	
Additional name(s) & address(es) attached: 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the new application is: A. Patent Application No.(s): Additional numbers attached? Additional number of application is: Additional number of application and patents involved: 1 Additional number of applications and patents involved: 1 Additional number of applications and patents involved: 1 Additional numbers attached? Additional numbers attached? Yes X No 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Arnold H. Krumholz Additional name(s) & address: Additional name(s) & address is not attached? Yes X No 6. Total number of applications and patents involved: 1 Total fee (37 CFR 3.41) \$ 40.00 Enclosed X Authorized to be charged to deposit account number: 12-1095 (Attach duplicate copy of this page if paying by deposit account numbers) Attach duplicate copy of this page if paying by deposit account in the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Arnold H. Krumholz November 6, 2001 Name of Person Signing	Other		State: SWEDEN Zip: S-8	851 94
Additional numbers attached? Yes x No Cotober 11, 2001 B. Patent No.(s): Additional numbers attached? Yes x No Cotober 11, 2001 B. Patent No.(s): Additional numbers attached? Yes x No Cotober 11, 2001 Additional numbers attached? Yes x No Cotober 11, 2001 Additional numbers attached? Yes x No Cotober 11, 2001 Additional numbers attached? Yes x No Cotober 11, 2001 Additional numbers attached? Yes x No Cotober 11, 2001 Additional numbers attached? Yes x No Cotober 11, 2001 Additional numbers attached? Yes x No Cotober 11, 2001 Additional numbers attached? Yes x No Cotober 11, 2001 Additional numbers attached? Yes x No Cotober 11, 2001 Additional numbers attached? Yes x No Cotober 11, 2001 Additional numbers attached? Yes x No Cotober 11, 2001 Additional numbers attached? Yes x No Cotober 11, 2001 Additional numbers attached? Yes x No Cotober 11, 2001 Additional numbers attached? Yes x No Cotober 11, 2001 Additional numbers attached? Yes x No Cotober 11, 2001 Additional numbers attached? Yes x No Cotober 11, 2001 Additional numbers attached? Yes x No Cotober 12, 2001 Additional numbers attached? Yes x No Cotober 11, 2001 Additional numbers attached? Yes x No Cotober 11, 2001 Additional numbers attached? Yes x No Cotober 12, 2001 Additional number of applications and patents involved: 1 Cotober 12, 2001 Additional numbers attached? Yes x No Cotober 12, 2001 Additional numbers attached? Yes x No Cotober 12, 2001 Additional numbers attached? Yes x No Cotober 12, 2001 Additional numbers attached? Yes x No Cotober 12, 2001 Additional numbers attached? Additional numbers attached? Additional numbers attached? Additional numbers attached? Yes x No Cotober 12, 2001 Additional numbers attached? Additional numbers attached? Addi	Execution Date: OCTOBER	R 11, 2001	Additional name(s) & Yes	x No
A. Patent Application No.(s): Additional numbers attached? Yes x No 5. Name and address of party to whom correspondence concerning document should be mailed: Name: Arnold H. Krumholz LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP Internal Address: Street Address: 600 South Avenue West City: Westfield DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. November 6, 2001 Name of Person Signing Signature Patent No.(s): Yes x No 6. Total number of applications and patents involved: 1 Advinoir 1 And (Attach duplicate (37 CFR 3.41) \$ 40.00 X Authorized to be charged to deposit account number: 12-1095 (Attach duplicate copy of this page if paying by deposit account in true and correct and any attached copy is a true copy of the original document. November 6, 2001 Date	4. Application number(s) or patent r	number(s):		
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Arnold H. Krumholz LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP Internal Address: Street Address: 600 South Avenue West City: Westfield DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Arnold H. Krumholz Name of Person Signing Signature 6. Total number of applications and patents involved: 1 Arnold H. Krumholz November 6, 2001 Signature Date		a new application, the exe		11, 2001
LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP Internal Address: Street Address: 600 South Avenue West Street Address: 600 South Avenue West City: Westfield DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Arnold H. Krumholz November 6, 2001 Name of Person Signing To tal fee (37 CFR 3.41) \$ 40.00 X Authorized to be charged to deposit account number: (Attach duplicate copy of this page if paying by deposit account number: 12-1095 (Attach duplicate copy of this page if paying by deposit account number: 12-1095 (Attach duplicate copy of this page if paying by deposit account number: 12-1095 (Attach duplicate copy of this page if paying by deposit account number: 12-1095 (Attach duplicate copy of this page if paying by deposit account number: 12-1095 (Attach duplicate copy of this page if paying by deposit account number: 12-1095 (Attach duplicate copy of this page if paying by deposit account number: 12-1095 (Attach duplicate copy of this page if paying by deposit account number: 12-1095 (Attach duplicate copy of this page if paying by deposit account number: 12-1095 (Attach duplicate copy of this page if paying by deposit account number: 12-1095 (Attach duplicate copy of this page if paying by deposit account number: 12-1095 (Attach duplicate copy of this page if paying by deposit account number: 12-1095 (Attach duplicate copy of this page if paying by deposit account number: 12-1095 (Attach duplicate copy of this page if paying by deposit account number: 12-1095 (Attach duplicate copy of this page if paying by deposit account number: 12-1095 (Attach duplicate copy of this page if paying by deposit account number: 12-1095 (Attach duplicate copy of this page if paying by deposit account number: 12-1095	5. Name and address of party to whor concerning document should be ma	n correspondence	6. Total number of applications and	1
Street Address: 600 South Avenue West X Authorized to be charged to deposit according to the copy of the charged to deposit according to the copy of the charged to deposit according to the copy of the charged to deposit according to the copy of the copy of the charged to deposit according to the copy of the copy of the copy of the charged to deposit according to the copy of the copy	LERNER, DAVID, LITTENBE	ERG, KRUMHOLZ &	7. Total fee (37 CFR 3.41) \$	40.00
City: Westfield State: Zip: NJ 07090 City: Westfield DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Arnold H. Krumholz November 6, 2001 Name of Person Signing Signature November 6, 2001	Internal Address:		Enclosed	
City: State: Zip: (Attach duplicate copy of this page if paying by deposit according to the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Arnold H. Krumholz November 6, 2001 Date Name of Person Signing Name of Person Signing November 1, 2001 Date November 2, 2001 Date November 3, 2001 Date November 4, 2001 Date November 6, 2001 Date Date November 6, 2001 Date	Street Address: 600 South Avenue	West	x Authorized to be charged to deposit account	
City: Westfield State: Zip: (Attach duplicate copy of this page if paying by deposit account of the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Arnold H. Krumholz Name of Person Signing Signature (Attach duplicate copy of this page if paying by deposit account of the page if paying by deposit account of			·	
Westfield NJ 07090 (Attach duplicate copy of this page if paying by deposit accounts) DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Arnold H. Krumholz November 6, 2001 Name of Person Signing Signature Date	City: State:	Zip:		
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Arnold H. Krumholz Name of Person Signing Signature Date		· —		eposit account
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Arnold H. Krumholz November 6, 2001 Name of Person Signing Signature Date		DO NOT USE	THIS SPACE	
Arnold H. Krumholz Name of Person Signing November 6, 2001 Signature Date				
Name of Person Signing Signature Date	To the best of my knowledge and be is a true copy of the original docume	elief, the foregoing inf ent.	ormation is true and correct and any attach	ed copy
Name of Forcest organing				
Total number of pages including cover sheet, attachments, and documents: 2	Name of Person Signing)	gnature Date	е
	Total number of pages inc	uding cover sheet, attach	ments, and documents: 2	
DUVIJE 00000151 121095 09979536	DINITY BAARAPA ARABE BARRET			
	40.00 CH			
40.00 Ch	J			

PATENT REEL: 013987 FRAME: 0785

ASSIGNMENT

WHEREAS, Nils Virving

citizen of Sweden of

Backtimjegränd 27 S-165 73 HÄSSELBY - SE

as assignor, has invented improvements in

SEPARATION DEVICE

for which an Application for United States Letters Patent has been executed on

evendate and for which an International Application was filed on May 11, 2000, PCT/SE00/00945, designating the United States.

AND WHEREAS.

VALMET FIBERTECH AB

a corporation of Sweden having a place of business at

S-851 94 SUNDSVALL - Sweden

as assignee is desirous of acquiring all right, title and interest in and to said invention and any Letters Patent that may be granted therefor.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, WE, as assignors hereby sell, assign and set over to said assignee the entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid application for Letters Patent, all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for themselves and their legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to said assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee.

And WE do hereby authorize our attorneys, to insert on this deed the filing date and serial number of said

application when known.

RECORDED: 11/06/2001

October 11, 2001

true wilston

PATENT REEL: 013987 FRAME: 0786