101 Rec'd PCT/PTO 28 FEB 2001

09/762386

ar Box	rector of the U.S. Patent nd Trademark Office x Assignments ashington, D.C. 20231	RECORDATION FORM		-	U.S. DEPARTMENT OF COMMERC Patent and Trademark Off
,,,,	wingwing DICE AVAICE				rney Docket No. 108518
	To the Director of the U.S. Pater	t and '. 10	17077	779	al document or copy thereof.
1.	A. Name of conveying party: Johannes MANTEN		2. A.	TWARON P KASINOSTI	ldress of receiving party: RODUCTS GMBH RASSE 19-21, D-42103 I., GERMANY
	B. Additional name(s) of convey	ing party(ies) attached? ☐ Yes ☑ No		09	162386
3.	A. Nature of conveyance:		В.	Additional na	ame(s) & address(es) attached? ☐Yes ☒ No
		☐ Merger			
	Security Agreement	Change of Name			
	Other				
	B. Execution Date: <u>February 19</u>	, 2001			
4.	A. If this document is being file	d together with a new appl	ication, the	execution date	of the application is:
	B. Patent Application No.(s) 09.	762,386	C.	Patent No.(s))
		Additional numbers att	ched?	Yes 🛛 No	
5.	Name and address of party to whor concerning document should be ma		6. Tota	l number of ap	oplications and patents involved: 1
	Name: William P. Berridge		7. A.	Total fee (37	CFR 3.41)\$ 40.00
			В.	Enclosed (Ch	eck No. <u>116709</u>)
	Address: OLIFF & BERRIDGE, P.O. Box 19928 Alexandria, VA 2				yment or charge any underpayment to umber 15-0461.
NGUY	YEN 00000114 09762386 40.00 OF				
9.	Statement and signature. To the best of my knowledge and the original document. William P. Berridge, Registration Thomas J. Pardini, Registration No.	din No. 30,024	ation is tru		and any attached copy is a true copy o
L		Total number of pages i	ncluding co	ver sheet, attac	chments, and document: 2

PATENT REEL: 011766 FRAME: 0003

ASSIGNMENT

-8)	Insert	(2)		(6)	
	Name(s) of Inventor(s)	(3)	**************************************	(7)	
		(4)	***************************************	(8)	
		to eac	ch of the undersigned, each under	ne dollar (\$1.00) and other good and valsigned agrees to assign, and hereby does	•
	Insert Name of Assignee	(9)	TWARON PRODUCTS GmbI	I	
)	Insert Address of Assignee	(10)	Kasinostrasse 19-21, D-42103		
		the en inver divis	ntire right, title and interest for the tion, and in all applications for pa- tional, continuation, substitute, and	e) and Assignee's heirs, successors, assigns e United States of America as defined in atent including any and all provisional, it reissue application(s), and all Letters I that may be granted on the invention known that may be granted on the invention that may be granted on the	n 35 U.S.C. §100, in the non-provisional, Patent, extensions,
)	Insert Identification such as Title, Case	(11)	CUT-RESISTANT ARTICLE	S OF ARAMID MICROFILAMENTS	- 3-10-07000
	Number, or Foreign Application Number	(Atto	orney Docket No. 108518)
			rhich the undersigned has (have) e ven date herewith or	xecuted an application for patent in the	United States of America
)	Insert Date of Signing of Application	(12)	on <u>February 19, 2001</u>		
	Alternative	(13)	U.S. application Serial Number	09/762,386	
)					
issue plicat	applications for the inventitions and patents as the Ass 2) Each undersigned agreation or continuation or	on, and a signee made es to exe division	cute all papers necessary in conne ny patent(s) issuing thereon, and a ny deem necessary. Icute all papers necessary in conne thereof, or any patent or reissue a	ection with any application and any con also to execute separate assignments in ection with any interference which may oplication based thereon, for the inventi	be declared concerning
ssue plicat y app se Ass aims of mexam om sa terest signn entifi	1) Each undersigned agreapplications for the inventitions and patents as the Ass 2) Each undersigned agreatication or continuation or ignee in every way possible as the agree or provisions of the Internation a grant of a valid U 5) Each undersigned agreatination a grant of a valid U 5) Each undersigned autility application(s) to the said herein assigned, and that heart is binding on him and	ees to exe on, and a signee ma ees to exe division ees to exe tional Co ees to per nited Stathorizes ard Assigne he has not his heirs, eby grant	cute all papers necessary in connerny patent(s) issuing thereon, and any deem necessary. Cute all papers necessary in connert thereof, or any patent or reissue any increase and going forward thereof, or any patent or reissue any increase and documents any invention for Protection of Industry form all affirmative acts which makes patent to the Assignee. Indicate the difference of Patents expected, and will not execute, a successors, assigns and legal represent the firm of OLIFF & BERRIDGE, and the surpresent the control of the surpresent the firm of OLIFF & BERRIDGE, and the surpresent the firm of OLIFF & BERRIDGE, and the surpresent the firm of OLIFF & BERRIDGE, and the surpresent the firm of OLIFF & BERRIDGE, and the surpresent	also to execute separate assignments in action with any interference which may oplication based thereon, for the inventiwith such interference. It is perform any act which may be necessarial Property or similar agreements. It is an execution or continuous to issue any and all Letters Patents of the st, and covenants that he has full right the pagreements in conflict herewith, and	be declared concerning ion, and to cooperate with ary in connection with onfirm by reissue or the United States resulting to convey the entire agrees that this ment any further
ssue blicat y app y Ass ims o xam m sa erest signn	filed applications 1) Each undersigned agreapplications for the inventitions and patents as the Ass 2) Each undersigned agreatly agreed in every way possible agreed provisions of the Internation agrant of a valid U so Each undersigned agreed in a grant of a valid U so Each undersigned autication a grant of a valid U so Each undersigned autication agrant of a valid U so Each undersigned autication agrant of a valid U so Each undersigned autication agrant of a valid U so Each undersigned autication agrant of a valid U so Each undersigned here action that may be necessartion of this document.	ees to exe on, and a signee ma ees to exe division e in obtai ees to exe tional Co ees to per nited Stat horizes ar d Assigne he has not his heirs, eby grant ry or desi	cute all papers necessary in connerty patent(s) issuing thereon, and sty deem necessary. Incute all papers necessary in connerty deem necessary. Incute all papers necessary in connerty deeper and going forward secute all papers and documents and the secute all papers and documents and the secute all papers and documents and the secute all affirmative acts which makes patent to the Assignee. Indicate the deeper and the entire interest executed, and will not execute, a successors, assigns and legal reprise the firm of OLIFF & BERRIDGE, rable in order to comply with the the undersigned on the date(s) of	also to execute separate assignments in action with any interference which may oplication based thereon, for the invention with such interference. If perform any act which may be necessarial Property or similar agreements. The action is a property of similar agreements as to issue any and all Letters Patents of the st, and covenants that he has full right to the power to insert on this assignmentatives. PLC the power to insert on this assignments of the United States Patent and Trapposite the undersigned name(s).	be declared concerning ion, and to cooperate with ary in connection with onfirm by reissue or the United States resulting to convey the entire agrees that this ment any further
app Ass ms cam n sa erest gnn ntifi	filed applications 1) Each undersigned agreapplications for the inventitions and patents as the Ass 2) Each undersigned agreatly agreed in every way possible agreed provisions of the Internation agrant of a valid U so Each undersigned agreed in a grant of a valid U so Each undersigned autication a grant of a valid U so Each undersigned autication agrant of a valid U so Each undersigned autication agrant of a valid U so Each undersigned autication agrant of a valid U so Each undersigned autication agrant of a valid U so Each undersigned here action that may be necessartion of this document.	ees to exe on, and a signee ma ees to exe division e in obtai ees to exe tional Co ces to per nited Star horizes ar d Assigne he has not his heirs, eby grant ry or desi	cute all papers necessary in connerty patent(s) issuing thereon, and sty deem necessary. Incute all papers necessary in connerty deem necessary. Incute all papers necessary in connerty deeper and going forward secute all papers and documents and the secute all papers and documents and the secute all papers and documents and the secute all affirmative acts which makes patent to the Assignee. Indicate the deeper and the entire interest executed, and will not execute, a successors, assigns and legal reprise the firm of OLIFF & BERRIDGE, rable in order to comply with the the undersigned on the date(s) of	also to execute separate assignments in action with any interference which may oplication based thereon, for the invention with such interference. If perform any act which may be necessarial Property or similar agreements. The action is a property of similar agreements as to issue any and all Letters Patents of the st, and covenants that he has full right to the power to insert on this assignmentatives. PLC the power to insert on this assignments of the United States Patent and Trapposite the undersigned name(s).	be declared concerning ion, and to cooperate with ary in connection with onfirm by reissue or the United States resulting to convey the entire agrees that this ment any further
app Ass ms cam n sa rest gnn ntifi orda	filed applications 1) Each undersigned agree applications for the inventitions and patents as the Ass. 2) Each undersigned agree dication or continuation or ignee in every way possible. 3) Each undersigned agree provisions of the Internation a grant of a valid U. 5) Each undersigned autification a grant of a valid U. 5) Each undersigned autification(s) to the said herein assigned, and that hener is binding on him and. 6) Each undersigned herecation that may be necessartion of this document. In witness whereof, executions.	ees to exe on, and a signee made to exe division ees to exe tional Codes to per nited Stathorizes ard Assigne the has not his heirs, eby grant ey or desi	cute all papers necessary in connent patent(s) issuing thereon, and any deem necessary. Cute all papers necessary in connect thereof, or any patent or reissue any ning evidence and going forward cute all papers and documents and envention for Protection of Industration form all affirmative acts which makes patent to the Assignee. Indicate the Director of Patents et as Assignee of the entire interest executed, and will not execute, a successors, assigns and legal repute the firm of OLIFF & BERRIDGE, rable in order to comply with the condense of the undersigned on the date(s) of the interest of the in	also to execute separate assignments in action with any interference which may oplication based thereon, for the invention with such interference. If perform any act which may be necessarial Property or similar agreements. The appearance of the invention of th	be declared concerning ion, and to cooperate with ary in connection with onfirm by reissue or the United States resulting to convey the entire agrees that this ment any further ademark Office for
app Ass ms (am n sa rest gnn ntifi orda	1) Each undersigned agree applications for the inventitions and patents as the Ass 2) Each undersigned agree dication or continuation or ignee in every way possible 3) Each undersigned agree or provisions of the Interna 4) Each undersigned agree in a grant of a valid U 5) Each undersigned autid application(s) to the said herein assigned, and that hent is binding on him and 6) Each undersigned herecation that may be necessartion of this document. In witness whereof, exected:	ees to exe on, and a signee ma ees to exe division e in obtainees to exe tional Co ees to per nited Star horizes ard Assigne he has not his heirs, eby grant ry or desi	cute all papers necessary in connercy deem necessary. In thereof, or any patent or reissue and the cute all papers and documents and the cute all papers and documents and the cute all papers and documents and the cute all affirmative acts which makes patent to the Assignee. In the cute of Patents executed, and will not execute, a successors, assigns and legal representation of the comply with the cute of the comply with the cute of the cute of the comply with the cute of th	also to execute separate assignments in action with any interference which may opplication based thereon, for the inventiwith such interference. If perform any act which may be necessarial Property or similar agreements. It is necessary to obtain, maintain or conto issue any and all Letters Patents of the st, and covenants that he has full right to make a succession of the power to insert on this assignmentatives. PLC the power to insert on this assignment of the United States Patent and Transposite the undersigned frame(s).	connection with such be declared concerning ion, and to cooperate with ary in connection with onfirm by reissue or the United States resulting to convey the entire to agrees that this ment any further ademark Office for (SEAL)
app Ass ms (am n sa rest gnn ntifi prda	1) Each undersigned agree applications for the inventitions and patents as the Ass 2) Each undersigned agree dication or continuation or ignee in every way possible 3) Each undersigned agree or provisions of the Interna 4) Each undersigned agree in a grant of a valid U 5) Each undersigned autid application(s) to the said application(s) to the said herein assigned, and that hent is binding on him and 6) Each undersigned here eation that may be necessartion of this document. In witness whereof, exected the said application is accompanied to the said application that may be necessartion of this document.	ees to exe on, and a signee ma ees to exe division ees to exe tional Co ees to per nited Stathorizes ard Assigne he has not his heirs, eby grant ey or desi	cute all papers necessary in connent patent(s) issuing thereon, and any deem necessary. Cute all papers necessary in connect thereof, or any patent or reissue and ining evidence and going forward cute all papers and documents and invention for Protection of Industration form all affirmative acts which makes patent to the Assignee. Indicate the Director of Patents et as Assignee of the entire interest executed, and will not execute, a successors, assigns and legal repute the firm of OLIFF & BERRIDGE, rable in order to comply with the condense of the entire interest the firm of OLIFF & BERRIDGE, rable in order to comply with the condense of the entire interest inventor Signature inventor Signature inventor Signature inventor Signature	also to execute separate assignments in action with any interference which may oplication based thereon, for the invention with such interference. If perform any act which may be necessarial Property or similar agreements. The action of the invention of the in	connection with such be declared concerning ion, and to cooperate with ary in connection with onfirm by reissue or the United States resulting to convey the entire agrees that this ment any further ademark Office for (SEAL) (SEAL)
appp Ass ms cami m samest gnn ntifi prda	1) Each undersigned agree applications for the inventitions and patents as the Ass. 2) Each undersigned agree of the inventition or continuation or ignee in every way possible. 3) Each undersigned agree or provisions of the Internation a grant of a valid U. 5) Each undersigned auticity and application(s) to the said herein assigned, and that hener is binding on him and. 6) Each undersigned herecation that may be necessation of this document. In witness whereof, exections.	ees to exe on, and a signee ma ees to exe division e in obtaines to exe tional Co ees to per nited Star horizes ard Assigne he has not his heirs, eby grant ry or desi	cute all papers necessary in connerty deem necessary. In thereof, or any patent or reissue and the second and documents and the second and the second for Protection of Industration for Protection of Industration form all affirmative acts which makes patent to the Assignee. In the second and will not execute, a successors, assigns and legal reprise the firm of OLIFF & BERRIDGE, rable in order to comply with the second patents. Inventor Signature Inventor Signature Inventor Signature	also to execute separate assignments in action with any interference which may oplication based thereon, for the inventive with such interference. If perform any act which may be necessarial Property or similar agreements. If to issue any and all Letters Patents of the st, and covenants that he has full right to my agreements in conflict herewith, and resentatives. PLC the power to insert on this assignments of the United States Patent and Tresposite the undersigned frame(s).	connection with such be declared concerning ion, and to cooperate with ary in connection with onfirm by reissue or the United States resulting to convey the entire to agrees that this ment any further ademark Office for (SEAL) (SEAL) (SEAL) (SEAL)
app Ass ms cam n sa arrestignn ntiffi orda	1) Each undersigned agree applications for the inventitions and patents as the Ass 2) Each undersigned agree dication or continuation or ignee in every way possible 3) Each undersigned agree or provisions of the Interna 4) Each undersigned agree in a grant of a valid U 5) Each undersigned autid application(s) to the said application(s) to the said herein assigned, and that hent is binding on him and 6) Each undersigned here eation that may be necessartion of this document. In witness whereof, exected the said application is accompanied to the said application that may be necessartion of this document.	ees to exe on, and a signee ma ees to exe division e in obtaines to exe tional Coordinate State horizes and Assigne he has not his heirs, eby grant ry or desi	cute all papers necessary in connerty patent(s) issuing thereon, and sty deem necessary. In the reof, or any patent or reissue any ining evidence and going forward recute all papers and documents any evidence and going forward recute all papers and documents any evidence of the rection of Industration for Protection of Industration form all affirmative acts which makes patent to the Assignee. In the control of Patents of Patents of the entire interest executed, and will not execute, a successors, assigns and legal representable in order to comply with the control of the entire interest executed, and will not execute, a successors, assigns and legal representable in order to comply with the condition of the entire interest o	also to execute separate assignments in action with any interference which may oplication based thereon, for the invention with such interference. If perform any act which may be necessarial Property or similar agreements. If any be necessary to obtain, maintain or control to issue any and all Letters Patents of to its agreements in conflict herewith, and resentatives. PLC the power to insert on this assignments of the United States Patent and Tropposite the undersigned name(s).	connection with such be declared concerning ion, and to cooperate with ary in connection with onfirm by reissue or the United States resulting to convey the entire agrees that this ment any further ademark Office for (SEAL) (SEAL) (SEAL) (SEAL) (SEAL)
asue elicate app Ass ims exam sa erest ignn ntifi orda te	1) Each undersigned agree applications for the inventitions and patents as the Ass 2) Each undersigned agree in every way possible 3) Each undersigned agree or provisions of the Interna 4) Each undersigned agree in every way possible 3) Each undersigned agree or provisions of the Interna 4) Each undersigned agree in a grant of a valid U 5) Each undersigned autid application(s) to the said id application(s) to the said herein assigned, and that the ment is binding on him and 6) Each undersigned here eation that may be necessation of this document. In witness whereof, exected the said in the internal in the internal in the internal in the internal inter	ees to exe on, and a signee ma ees to exe division ees to exe tional Co ees to per nited Stathorizes ard Assigne he has not his heirs, eby grant ry or desi	cute all papers necessary in connerty patent(s) issuing thereon, and sty deem necessary. In the papers necessary in connect thereof, or any patent or reissue againg evidence and going forward recute all papers and documents and recute all papers and documents and revention for Protection of Industration form all affirmative acts which makes patent to the Assignee. In the drequests the Director of Patents et as Assignee of the entire interest executed, and will not execute, a successors, assigns and legal representable in order to comply with the condensation of the date(s) of the interest of the i	also to execute separate assignments in action with any interference which may opplication based thereon, for the inventiwith such interference. If perform any act which may be necessarial Property or similar agreements. If any be necessary to obtain, maintain or control to issue any and all Letters Patents of the st, and covenants that he has full right to my agreements in conflict herewith, and resentatives. PLC the power to insert on this assignment of the United States Patent and Tropposite the undersigned name(s).	connection with such be declared concerning ion, and to cooperate with ary in connection with onfirm by reissue or the United States resulting to convey the entire to agrees that this ment any further ademark Office for (SEAL) (SEAL) (SEAL) (SEAL) (SEAL) (SEAL) (SEAL) (SEAL)
ssue plicat y app Ass tims of acceptance por sa terest signn entifi corda ate ate ate ate ate ate	filed applications 1) Each undersigned agreapplications for the inventitions and patents as the Ass 2) Each undersigned agreation or continuation or ignee in every way possible 3) Each undersigned agree or provisions of the Interna 4) Each undersigned agree in a grant of a valid U 5) Each undersigned autid application(s) to the said application(s) to the said herein assigned, and that the ment is binding on him and 6) Each undersigned here eation that may be necessation of this document. In witness whereof, exected the said application is the said of	ees to exe on, and a signee ma ees to exe division e in obtaines to exe tional Co ees to per nited Star horizes and Assigne has not his heirs, eby grant ry or desi	cute all papers necessary in connerty patent(s) issuing thereon, and sty deem necessary. Icute all papers necessary in connerthereof, or any patent or reissue any ining evidence and going forward recute all papers and documents any entertion for Protection of Industration form all affirmative acts which makes patent to the Assignee. Independent of the entire interest executed, and will not execute, a successors, assigns and legal represents the firm of OLIFF & BERRIDGE, rable in order to comply with the continuous comply with the continuous c	also to execute separate assignments in action with any interference which may oplication based thereon, for the invention with such interference. If perform any act which may be necessated perform any act which may be necessated by the necessary to obtain, maintain or control to issue any and all Letters Patents of the st, and covenants that he has full right to make any agreements in conflict herewith, and resentatives. PLC the power to insert on this assignments of the United States Patent and Trapposite the undersigned frame(s).	be declared concerning fon, and to cooperate with ary in connection with confirm by reissue or the United States resulting to convey the entire agrees that this ment any further ademark Office for (SEAL) (SEAL) (SEAL) (SEAL) (SEAL) (SEAL) (SEAL) (SEAL)
ssue plicat y app Ass aims of the second and the se	filed applications 1) Each undersigned agree applications for the inventitions and patents as the Ass 2) Each undersigned agree incomplete in every way possible and the end of the Internation of the Internation and agree in every way possible and the Internation and Internation that in Internation is binding on him and and internation of this document. In witness whereof, execution of this document. This assignment should part, then it should be signed.	ees to exe on, and a signee ma ees to exe division e in obtaines to exe tional Co ces to per inited Star horizes and Assigne he has not his heirs, eby grant ry or desi cuted by the company of the compa	cute all papers necessary in connerty deem necessary. cute all papers necessary in connerty deem necessary. cute all papers necessary in connerty deem necessary. cute all papers necessary in connerty deepers and going forward decute all papers and documents and envention for Protection of Industry form all affirmative acts which makes patent to the Assignee. Independent of Patents of Patents of the entire interest executed, and will not execute, a successors, assigns and legal representable in order to comply with the condensation of the entire interest of the entire interest of the entire interest executed. Inventor Signature	also to execute separate assignments in action with any interference which may opplication based thereon, for the inventive with such interference. In perform any act which may be necessarial Property or similar agreements. In ay be necessary to obtain, maintain or control to issue any and all Letters Patents of to its agreements in conflict herewith, and resentatives. PLC the power to insert on this assignment of the United States Patent and Trapposite the undersigned name(s).	connection with such be declared concerning ion, and to cooperate with ary in connection with onfirm by reissue or the United States resulting to convey the entire agrees that this ment any further ademark Office for (SEAL) (SEAL) (SEAL) (SEAL) (SEAL) (SEAL) (SEAL) (SEAL) (SEAL) (SEAL) (SEAL) (SEAL) (SEAL) (SEAL)
oplication of a position of a	filed applications 1) Each undersigned agreapplications for the inventitions and patents as the Ass 2) Each undersigned agreation or continuation or ignee in every way possible. 3) Each undersigned agree in every way possible action of the Internation a grant of a valid U 5) Each undersigned auticity and id application(s) to the said herein assigned, and that hener is binding on him and 6) Each undersigned hereation that may be necessation of this document. In witness whereof, exection is assigned, and the internation of this document.	ees to exe on, and a signee ma ees to exe division ees to exe tional Co ees to per nited Stathorizes ard Assigne he has not his heirs, eby grant executed by a control of the control of t	cute all papers necessary in connerty patent(s) issuing thereon, and sty deem necessary. cute all papers necessary in connerty deem necessary. cute all papers necessary in connerty deem necessary. cute all papers and social forward social papers and documents annexe to the papers and documents annexe to the Assignee. Interest of Patents of Patents of Patents of the entire interest of the entire interest of the entire interest of the firm of OLIFF & BERRIDGE, rable in order to comply with the standard on the date(s) of the undersigned on the date (s) of the undersigned on the undersigned on the undersigned on the undersigned on the date (s) of the undersigned on the unde	also to execute separate assignments in action with any interference which may opplication based thereon, for the inventive with such interference. In property or similar agreements. In ay be necessary to obtain, maintain or control to issue any and all Letters Patents of the st, and covenants that he has full right to my agreements in conflict herewith, and resentatives. PLC the power to insert on this assignments of the United States Patent and Tropposite the undersigned name(s).	connection with such be declared concerning ion, and to cooperate with ary in connection with onfirm by reissue or the United States resulting to convey the entire agrees that this ment any further ademark Office for (SEAL) (SEAL) (SEAL) (SEAL) (SEAL) (SEAL) (SEAL) (SEAL) (SEAL) (SEAL) (SEAL) (SEAL)

RECORDED: 02/28/2001

PATENT REEL: 011766 FRAME: 0004