FORM PTO-1619A Expires 06/30/99 OMB 0651-0027

09-17-2001



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RECORDATION FORM COVER SHEET

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onveying Party(ies)	Mark if additional name	es of conveying pa	rties attached Execution Date
Name (line 1) David Marquardt			Month Day Y 08/31/200
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econd Party			Execution Date Month Day Y
Name (line 1) Wayne Lougher	10 0		08/30/200
Name (line 2)	1943647		
Receiving Party	Mark if	additional names	of receiving parties attached
Name (line 1) SpeedFam-IPEC Corporation			if document to be record is an assignment and the
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Name (line 2)			States, an appointment of a domestic
ddress (line 1) 305 North 54th Street			representative is attache (Designation must be a separate document from
ddress (line 2)			Assignment.)
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ddress (line 3) Chandler	Arizona		26-2405
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U.S. Department of Commerce

PATENT

Patent and Trademark Office

FORM PTO-1619B Expires 06/30/99 OMB 0651-0027	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT
Correspondent Name and Add	ress Area Code and Telephone Number	r (480) 705-2668
Name James L. Farmer, Esq.		
Address (line 1) SpeedFam-IPEC Corporati	on	
Address (line 2) 305 North 54th Street		
Address (line 3) Chandler, Arizona 85226-2	405	
Address (line 4)		
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Deposit Account	or if additional fees can be charged to the account.)	
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	and belief, the foregoing information is true of the original document. Charges to depos	-
James L. Farmer, Reg. 42,525	James Litemes	August 31, 2001
Name of Person Signing	Signature	Date

PATENT REEL: 012154 FRAME: 0368 FORM PTO-1619C Expires 06/30/99 OMB 0651-0027

RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

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Conveying	Party(ies)	Mark if ad	ditional names of co	nveying parties atta	ached
	l Conveying Parties			7.	Execution Date Month Day Year
Name (line 1)	Stephen C. Schultz			8	08/30/2001
Name (line 2)		1754		24	Execution Date Month Day Year
Name (line 1)		****		60	Day Ivan
Name (line 2)		10 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4			Execution Date
Name (line 1)					Month Day Year
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Address (line 3)				1177	
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ra:	lent Application Number(5)			atent Number(s	5)
- FURFERNAMENT					
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PATENT REEL: 012154 FRAME: 0369 WHEREAS, the undersigned inventors (hereinafter "ASSIGNORS") of the addresses indicated below, have invented LAMINATED WEAR RING for which application for Letters Patent of the United States has been executed on even date herewith;

AND WHEREAS, SpeedFam-IPEC Corporation (hereinafter "ASSIGNEE"), a corporation organized and existing under and by virtue of the laws of the State of Delaware, having its principal place of business and mailing address at 305 North 54th Street, Chandler, Arizona 85226-2405, is desirous of acquiring an interest therein;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNORS by these presents sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right to the invention as described in the aforesaid application, in the United States and all foreign countries, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States adheres, and hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to ASSIGNEE, for the sole use and benefit of ASSIGNEE, its successors, assigns and legal representatives,

AND HEREBY AGREE to transfer a like interest upon request of ASSIGNEE, its successors, assigns and legal representatives, in and to any improvements and applications for patents based thereon, growing out of or relating to the invention; and to provide all reasonable assistance and execute any papers deemed essential by ASSIGNEE, its successors, assigns and legal representatives, to ASSIGNEE's full protection and title in and to the invention hereby transferred, provided that ASSIGNEE provides remuneration for all assistance by ASSIGNORS beyond reasonable assistance;

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AGREEING, FURTHERMORE, upon request of ASSIGNEE, to execute any and all papers desired by ASSIGNEE for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE.

EXECUTED as of the date written below by ASSIGNORS.

INVENTOR'S NAME	RESIDENCE ADDRESS	SIGNATURE DATE
David Marquardt	5418 East Flower Street Phoenix, Arizona 85018	Dar Mary 8/31/01
Wayne Lougher	3929 E. Goldfinch Gate Lane Phoenix, Arizona 85044	Wayne F. Lufn 8/30/01
Stephen C. Schultz	3753 E. Aspen Court Gilbert, Arizona 85234	John Chelit 3/30/01

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PATENT REEL: 012154 FRAME: 0371