12-18-2000		*****	U.S. Department of Commerce Patent and Trademark Office PATENT			
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TO: The Commissioner of Patents and         Submission Type         ✓         New         □         Resubmission (Non-Recordation)         Document ID#         □         Correction of PTO Error         Reel #         Frame #         Corrective Document         Reel #         Frame #         Conveying Party(ies)         Name (line 1)	Trademarks: Please record the a Conveyance Ty Assignment License (For U	attached original doc	reement Name Int Int Agencies) Secret File			
Name (line 1)       Timothy S. Dyer       10/24/2000         Name (line 2)       Execution Date         Second Party       10/24/2000         Name (line 1)       John F. Stumpf         Name (line 2)       05 4/34/650         Receiving Party       Mark if additional names of receiving parties attached         Name (line 1)       SpeedFam-IPEC Corporation         Name (line 2)       If document to be recorded         Name (line 2)       If document to be recorded         Name (line 2)       If document to be recorded         Name (line 2)       SpeedFam-IPEC Corporation         Name (line 2)       If document to be recorded         Address (line 1)       305 N. 54th Street						
Address (line 2) Address (line 3) Chandler City	Arizona State/Country	,	85226 Zip Code			
Domestic Representative Name         Name         Address (line 1)         Address (line 2)         Address (line 3)         Address (line 4)	e and Address	er for the first Receiving	Party only.			
2/15/2000 GTUN11 00000313 192814 09434650 1 FC 581 40.00 CH Public burden reporting for this collection of information is gathering the data needed to complete the Cover Sheet. S D.C. 20231 and to the Office of Information and Regulated Information Collection Budget Package 0651-0027, Patent Mail document Commissioner of Pa	end comments regarding this burden estimate to	per Cover Sheet to be recorded the U.S. Patent and Trademark Paperwork Reduction Project ( ND REQUESTS TO RECORD A cover sheet(s) inform ignments, Washingto P	once, other information oncer, washington, octi-oczy, washington, D.C. 20503. See OMB ssignment DOCUMENTS TO THIS ADDRESS.			

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Number of Properties       Enter the total number of properties involved.       #       1					
Fee AmountFee Amount for Properties Listed (37 CFR 3.41): \$40.00					
Method of Payment: Enclosed Deposit Account ✔ Deposit Account					
(Enter for payment by deposit account or if additional fees can be charged to the account.) Deposit Account Number: # 19-2814					
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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. Charges to deposit account are authorized, as indicated herein.					
Shanpar Shanpar, Reg. No. 43,075     Comparison of Person Signing     Date       Name of Person Signing     Signature     Date					

PATENT REEL: 011336 FRAME: 0158

### ASSIGNMENT

#### Attorney Docket No. 29131.9700

WHEREAS, the undersigned inventor (hereinafter "ASSIGNOR") of the address indicated below, have invented CHEMICAL MECHANICAL POLISHING TOOL COMPONENTS WITH IMPROVED CORROSION RESISTANCE for which application for Patent of the United States was filed on November 5, 1999.

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 is desirous of acquiring an interest therein;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR by these presents does 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 AGREES to transfer a like interest upon request of ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, 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,

AGREEING, FURTHERMORE, upon request of ASSIGNEE, and without further remuneration, 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(s) written below by ASSIGNOR:

INVENTOR'S NAME	RESIDENCE ADDRESS	SIGNATURE	DATE
Timothy S. Dyer	167 W. Jeanine Drive Tempe, Arizona 85284	Ing 18	10.24.2000
John F. Stumpf	3140 E. Dry Creek Road Phoenix, AZ 85048	ff styps	10/24/00

#### SNELL & WILMER L.L.P.

One Arizona Center 400 East Van Buren Phoenix, Arizona 85004-2202 (602) 382-6377 fax (602) 382-6070

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## PATENT REEL: 011336 FRAME: 0159

**RECORDED: 11/30/2000**