

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Richard D. Cooper</td> <td>06/20/2002</td> </tr> <tr> <td>Paul Fathauer</td> <td>06/20/2002</td> </tr> <tr> <td>Angela Mroczek-Petroski</td> <td>06/20/2002</td> </tr> <tr> <td>David Perry</td> <td>06/20/2002</td> </tr> <tr> <td>James P. Macey</td> <td>06/20/2002</td> </tr> </tbody> </table>	Name	Execution Date	Richard D. Cooper	06/20/2002	Paul Fathauer	06/20/2002	Angela Mroczek-Petroski	06/20/2002	David Perry	06/20/2002	James P. Macey	06/20/2002	
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James P. Macey	06/20/2002												
RECEIVING PARTY DATA													
Name:	Raytech Innovative Solutions, Inc.												
Street Address:	609 E. Chaney Street												
City:	Sullivan												
State/Country:	INDIANA												
Postal Code:	47933												
PROPERTY NUMBERS Total: 1													
Property Type	Number												
Patent Number:	6979256												
CORRESPONDENCE DATA													
Fax Number:	(216)348-5474												
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Address Line 4:	Cleveland, OHIO 44114												
ATTORNEY DOCKET NUMBER:	36398-00002												
NAME OF SUBMITTER:	Todd A. Benni												
Total Attachments: 3 source=6979256#page1.tif source=6979256#page2.tif source=6979256#page3.tif													

CH \$40.00 6979256

PATENT

PATENT ASSIGNMENT

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Status: .

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City: Sullivan State/Zip: Indiana 47882

TITLE OF INVENTION: RETAINING RING WITH WEAR PAD FOR USE in

CHEMICAL MECHANICAL PLANARIZATION

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PATENT
REEL: 013104 FRAME: 0352

PATENT
REEL: 028189 FRAME: 0566

The Assignors having made the above invention and filed application for Letters Patent of the United States thereon, and the Assignee being desirous of acquiring the same; in consideration of One Dollar (\$1.00) and other good and valuable consideration, the Assignors hereby assign to the Assignee, including its successors, assigns, heirs, administrators, all of the Assignors' right, title and interest in and to the invention and the patent application therefore identified herein and to any and all patents which may evolve therefrom;

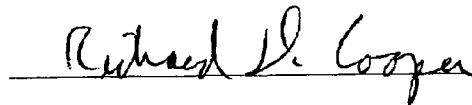
The Assignors also assign all of their right, title and interest in and to said invention in all foreign countries, and all applications for Letters Patent in foreign countries on said invention and any Letters Patent which may evolve therefrom, including the right to claim International Convention priority; and

The Assignors agree to execute any papers or perform any acts required to establish, vest or protect the Assignee's rights therein or required by Assignee to obtain said patent, without any additional payment therefor, but without any expense to Assignors.

Date of this document: June 20, 2002

Date of execution of
U.S. application: June 20, 2002

Serial Number: 10/ 156,655 Filed: May 28, 2002



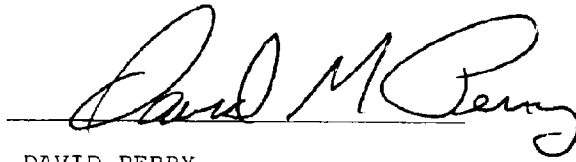
RICHARD D. COOPER
INVENTOR/ASSIGNOR



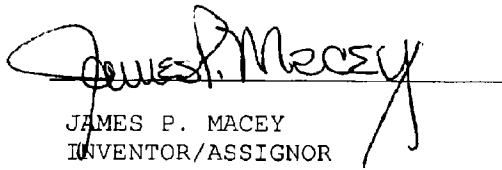
PAUL FATHAUER
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ANGELA MROCZEK
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DAVID PERRY
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JAMES P. MACEY
INVENTOR/ASSIGNOR

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RECORDED: 07/17/2002

PATENT
REEL: 013104 FRAME: 0354

RECORDED: 05/10/2012

PATENT
REEL: 028189 FRAME: 0568