

12-13-1999

11/16/99



To the Honorable Commissioner of Patents

101221055

d original documents or copy thereof.

## 1. Name of conveying party(ies):

Shahriar Naghshineh, Jeff Barnes, Yassaman Hashemi, and  
Ewa B. OldakAdditional name(s) of conveying party(ies) attached ☐ Yes ☒ No

## 3. Nature of Conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other: \_\_\_\_\_

Execution Date: November 15, 1999

## 2. Name and address of receiving party(ies):

ESC, Inc.  
115 Research Drive  
Bethlehem, PA 18105Additional name(s) & addresses attached? ☐ Yes ☒ 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 application is November 15, 1999

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Daniel A. Monaco, Esq.  
Seidel, Gonda, Lavorgna & Monaco, P.C.  
1800 Two Penn Center Plaza  
Philadelphia, PA 19102Attorney Docket No. 9537-2

## 6. Total number of applications and patents involved:

1

## 7. Total fee (37 CFR 3.41)

\$40.00

- ☐ Enclosed  
☒ authorized to be charged to deposit account

8. Deposit Account Number: 19-1135

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9. 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.

Daniel A. Monaco

Name of Person Signing

Signature

November 16, 1999

Date

Total number of pages including cover sheet, attachments, and document: 4

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# ASSIGNMENT

WHEREAS, we, Shahriar Naghshineh and Jeff Barnes, citizens of the United States, Yassaman Hashemi, citizen of Iran and Ewa B. Oldak, citizen of Poland, with respective post office addresses of 3422 Sturbridge Place, Allentown, Pennsylvania 18104; 562 Carol Lane, Bath, Pennsylvania 18104; 1019 S. Hillview Drive, Allentown, Pennsylvania 18103; and 948 E. 6<sup>th</sup> Street, Apartment 4, Bethlehem, Pennsylvania 18105, hereinafter generally referred to as "ASSIGNORS", have invented a certain new and useful

## **POST CHEMICAL-MECHANICAL PLANARIZATION (CMP) CLEANING COMPOSITION**

for which we have on even date executed an application for Letters Patent of the United States, and

WHEREAS, ESC, Inc., a Pennsylvania corporation having a place of business at 115 Research Drive, Bethlehem, Pennsylvania, 18105, hereinafter generally referred to as "ASSIGNEE", is desirous of acquiring said invention and said application for Letters Patent,

WHEREAS, now and at the time the invention was made, said invention was subject to an obligation by ASSIGNORS to assign their entire right, title and interest therein to ASSIGNEE.

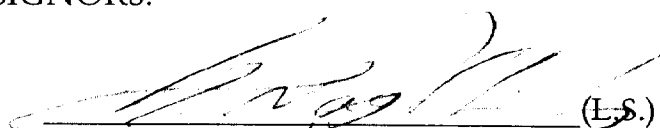
NOW, THEREFORE, in consideration of the sum of One Dollar and other good and valuable executed consideration, the full receipt and sufficiency of all of which are hereby acknowledged, and intending to be legally bound hereby, we, the undersigned ASSIGNORS, hereby agree to sell, assign, transfer and convey and by these presents do sell, assign, transfer and convey unto the above-named ASSIGNEE, the whole and entire right, title and interest


in and to said invention as described in the above application for Letters Patent, for the territory of the United States and its possessions and territories and all foreign countries, and


in and to the above application for Letters Patent and any and all United States Letters Patent which may be granted on said application and all United States and foreign Letters Patent which may be granted on said invention including divisions, reissues and continuations;

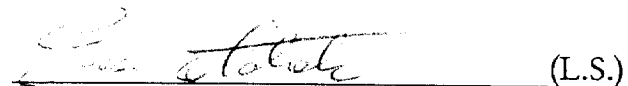
said invention, application and Letters Patent to be held and enjoyed by the above-named ASSIGNEE, for ASSIGNEE's own use and behoof, and for ASSIGNEE's legal representatives and assigns to the full end of the term or terms for which said Letters Patent may be granted, as fully and entirely as the same would have been held by the undersigned ASSIGNORS had this assignment and sale not been made; and for the aforesaid consideration ASSIGNORS hereby covenant, agree and undertake to execute, whenever requested by the above-named

ASSIGNEE may deem necessary or desirable for securing to ASSIGNEE or for maintaining for ASSIGNEE all the Letters Patent hereby assigned or agreed to be assigned; all without further compensation to the undersigned ASSIGNORS.

  
Shahriar Naghshineh (L.S.)

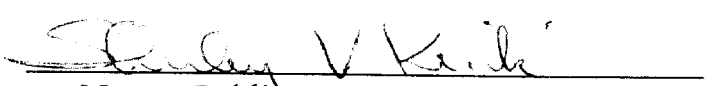
  
Jeff Barnes (L.S.)

  
Yassaman Hashemi (L.S.)

  
Ewa B. Oldak (L.S.)

State of Pa :  
County of Northampton ss

Before me, a notary public, in and for the State and County aforesaid, on this 15 day of November, 1999 personally appeared Shahriar Naghshineh who being to me personally known, and who having first executed the foregoing instrument in my presence and having been by me first duly sworn, did acknowledge the foregoing instrument as his free deed and act, signed, sealed and delivered by him for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.

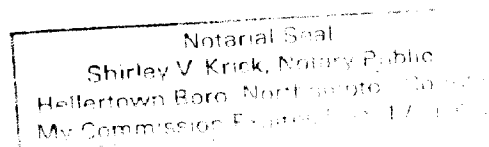
  
Notary Public

Notarial Seal  
Shirley V. Krick, Notary Public  
Hellertown Boro, Northampton County  
My Commission Expires Dec. 17, 2002

State of Pa. :  
County of Northampton SS

Before me, a notary public, in and for the State and County aforesaid, on this 15 day of November, 1999 personally appeared Jeff Barnes who being to me personally known, and who having first executed the foregoing instrument in my presence and having been by me first duly sworn, did acknowledge the foregoing instrument as his free deed and act, signed, sealed and delivered by him for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.

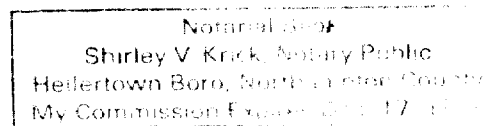
Shirley V. Krick  
Notary Public



State of Pa. :  
County of Northampton SS

Before me, a notary public, in and for the State and County aforesaid, on this 15 day of November, 1999 personally appeared Yassaman Hashemi who being to me personally known, and who having first executed the foregoing instrument in my presence and having been by me first duly sworn, did acknowledge the foregoing instrument as his free deed and act, signed, sealed and delivered by him for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.

Shirley V. Krick  
Notary Public



State of Pa. :  
County of Northampton SS

Before me, a notary public, in and for the State and County aforesaid, on this 15 day of November, 1999 personally appeared Ewa B. Oldak who being to me personally known, and who having first executed the foregoing instrument in my presence and having been by me first duly sworn, did acknowledge the foregoing instrument as his free deed and act, signed, sealed and delivered by him for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.

Shirley V. Krick  
Notary Public

