Docket No.: 35013.5717 FORM PTO-1595 (Modified) U.S. DEPARTMENT OF COMMERCE (Rev. 03-01) Patent and TrademarkOffice OMB No. 0651-0027 (exp.5/31/2002) P08A/REV03 Tab settings → → To the Honorable Commissioner of Patents and Trademarks: Figure 1995 ie attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): IPEC Planar, Inc. Name: Integrated Process Equipment Corp. Address: 305 N. 54th Street Additional names(s) of conveying party(ies) attached?

Yes
No 3. Nature of conveyance: Assignment Merger City: Chandler State/Prov.: AZ ☐ Security Agreement Change of Name ZIP: 85226 Country: U.S.A. Other Execution Date: April 6, 1999 ⊠ No Additional name(s) & address(es) attached?

Yes 4. Application number(s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is: B. Patent No.(s) Filing date Patent Application No. 09/664,125 September 18, 2000 11/07/2002 TDIAZ1 00000048 09664125 01 FC:8021 40.00 DP Additional numbers attached? Tyes X No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: Laura J. Zeman 7. Total fee (37 CFR 3.41):....\$ 40.00 36,078 Registration No. ☑ Enclosed - Any excess or insufficiency should be credited or debited to deposit account Address: Snell & Wilmer, L.L.P. ☐ Authorized to be charged to deposit account One Arizona Center 8. Deposit account number: 400 East Van Buren 19-2814 State/Prov.: AZ City: Phoenix ZIP: 85004-2202 (Attach duplicate copy of this page if paying by deposit account) Country: U.S.A. DO NOT USE THIS SPACE 9. Statement and signature. 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. October 29, 2002 Laura J. Zeman, Reg. No. 36,078 Date Name of Person Signing Total number of pages including cover sheet, attachments, and documer

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments

Westproton D.C. 20031

CERTIFICATE OF MERGER

OF

IPEC PLANAR, INC.

WITH AND INTO

INTEGRATED PROCESS EQUIPMENT CORP.

It is hereby certified that:

- 1. The business corporations participating in the merger herein certified are:
- (i) Integrated Process Equipment Corp., which is incorporated under the laws of the State of Delaware (hereinafter sometimes referred to as "IPEC" and sometimes referred to as the "Surviving Corporation"); and
- (ii) IPEC Planar, Inc., which is incorporated under the laws of the State of California (hereinafter referred to as the "Planar" and sometimes, together with IPEC, as the "Constituent Corporations").
- 2. An Agreement and Plan of Merger (hereinafter referred to as the "Merger Agreement") has been approved, adopted, certified, executed and acknowledged by each of the Constituent Corporations in accordance with the laws of its state of incorporation and the provisions of Section 252 of the General Corporation Law of the State of Delaware.
- 3. Pursuant to the terms of the Merger Agreement, Planar shall be merged with and into IPEC, with IPEC being the surviving corporation, in accordance with the General Corporation Law of the State of Delaware (hereinafter referred to as the "Merger").
- 4. The name of the Surviving Corporation in the Merger herein certified is, and after the filing of this Certificate shall continue to be, "Integrated Process Equipment Corp." until amended in accordance with the provisions of the General Corporation Law of the State of Delaware.
- 5. At the filing of this Certificate, the Certificate of Incorporation of IPEC in effect immediately prior to the Effective Time shall be the Certificate of Incorporation of the Surviving Corporation until amended in accordance with the provisions of the General Corporation Law of the State of Delaware.

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PATENT REEL: 013464 FRAME: 0652 6. The executed Merger Agreement between the Constituent Corporations is on file at the principal place of business of the Surviving Corporation, the address of which is as follows:

Integrated Process Equipment Corp. 305 N. 54th Street Chandler, Arizona 85226

- 7. A copy of the Merger Agreement will be furnished by the Surviving Corporation, on request and without cost, to any stockholder of each of the Constituent Corporations.
- 8. The authorized capital stock of Planar consists of 10,000 shares of common stock, \$1.00 par value.

Dated: April 6, 1999

INTEGRATED PROCESS EQUIPMENT CORP.

Richard J. Faubert its President and

Chief Executive Officer

PATENT REEL: 013464 FRAME: 0653

State of Delaware

Office of the Secretary of State PAGE

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"IPEC PLANAR, INC.", A CALIFORNIA CORPORATION,

WITH AND INTO "INTEGRATED PROCESS EQUIPMENT CORP." UNDER THE NAME OF "INTEGRATED PROCESS EQUIPMENT CORP.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE ELEVENTH DAY OF MAY, A.D. 1999, AT 9 O'CLOCK A.M.

Edward J. Freel, Secretary of State

AUTHENTICATION:

9927351

DATE:

08-18-99

RECORDED: 11/04/2002

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PATENT REEL: 013464 FRAME: 0654