

10-13-2000

Form PTO-1595



ET

U.S. Department of Commerce

Docket No. 37577-21

101487317

To the Hon. Commissioner of Pat.

... the attached original documents or copy thereof.

<p>1. Name of conveying party(ies):</p> <p>Advanced Chemical Systems International, Inc.</p> <p>Additional name of conveying party attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: Advanced Technology Materials, Inc.</p> <p>Address: 7 Commerce Drive</p> <p>City: Danbury State: CT ZIP: 06810</p> <p>Additional name(s) and address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
<p>3. Nature of conveyance:</p> <p><input checked="" type="checkbox"/> Certificate of Merger</p> <p>Execution Date: December 20, 1999</p>	

4. Application number(s) or patent numbers:

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)	B. Patent No.(s)
09/215,655	MRD 9-25-00

Additional numbers attached? Yes No

<p>5. Name and address party to whom correspondence concerning document should be mailed:</p> <p>Name: Robert O. Guillot Oppenheimer Wolff & Donnelly LLP</p> <p>Street Address: 3373 Hillview Avenue, Suite 200 City: Palo Alto State: California ZIP: 94304-1204</p>	<p>6. Total number of applications and patents involved: 1</p>
	<p>7. Total fee (37 CFR 3.41) <u>\$40.00</u></p> <p><input checked="" type="checkbox"/> Enclosed</p> <p><input checked="" type="checkbox"/> Any discrepancy or overpayment is authorized to be charged to deposit account</p>
<p>8. Deposit Account number: 02-3964</p> <p>(Attach duplicate copy of this page if paying by deposit account)</p>	

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.

<p>Robert O. Guillot</p> <p>Name of Person Signing</p>	<p>Signature</p>	<p>August 23, 2000</p> <p>Date</p>
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Total number of pages including cover sheet, attachments, and document: 4

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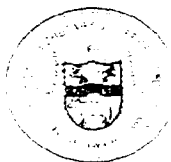
State of Delaware
Office of the Secretary of State

PAGE 1

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:

"ADVANCED CHEMICAL SYSTEMS INTERNATIONAL, INC.", A DELAWARE CORPORATION,

WITH AND INTO "ADVANCED TECHNOLOGY MATERIALS, INC." UNDER THE NAME OF "ADVANCED TECHNOLOGY MATERIALS, INC.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE TWENTY-NINTH DAY OF DECEMBER, A.D. 1999, AT 12 O'CLOCK P.M.



Edward J. Freel, Secretary of State

2793994 8100M

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AUTHENTICATION: 0420170

DATE: 05-04-00

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CERTIFICATE OF MERGER

of

ADVANCED CHEMICAL SYSTEMS INTERNATIONAL, INC.
(a Delaware corporation)

into

ADVANCED TECHNOLOGY MATERIALS, INC.
(a Delaware corporation)

ADVANCED TECHNOLOGY MATERIALS, INC., a corporation organized and existing under the laws of the State of Delaware (the "Surviving Corporation"),

DOES HEREBY CERTIFY:

FIRST: That the name and state of incorporation of each of the constituent corporations of the merger are as follows:

<u>Name</u>	<u>State of Incorporation</u>
Advanced Chemical Systems International, Inc.	Delaware
Advanced Technology Materials, Inc.	Delaware

SECOND: That an Agreement of Merger (the "Agreement") between the parties to the merger has been approved, adopted, certified, executed and acknowledged by each of the constituent corporations in accordance with the requirements of Section 251 of the General Corporation Law. Such Agreement as approved is on file at the principal place of business of the Surviving Corporation at 7 Commerce Drive, Danbury, Connecticut 06810-4169. A copy of the Agreement will be furnished by the Surviving Corporation, on request and without cost, to any stockholder of the Terminating Corporation or the Surviving Corporation.

THIRD: That the name of the Surviving Corporation of the merger is Advanced Technology Materials, Inc.


FOURTH: That the Certificate of Incorporation of the Surviving Corporation shall be the Certificate of Incorporation of the Surviving Corporation after the merger.

FIFTH: That the Effective Time of the merger is, pursuant to Section 103(d) of Delaware General Corporation Law, December 31, 1999, at 11:59 p.m. Eastern Time.

IN WITNESS WHEREOF, the Surviving Corporation has caused this Certificate to be signed by its duly authorized officer on this 20 day of December, 1999.

I hereby declare under the penalties of false statement that the statements made in the foregoing certificate are true.

**ADVANCED TECHNOLOGY
MATERIALS, INC.**

By: 
Daniel P. Sharkey
Vice President, Chief Financial Officer
and Treasurer

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SHIMANUSOODWIN LLP 2:32PM Dec 22 1999

RECORDED: 09/25/2000

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