

01-31-2000

U.S. Department of Commerce
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PATENT



101254010

**RECORDATION FORM COVER SHEET
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MRD 12.21.99

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

New

Resubmission (Non-Recordation)
Document ID#

Correction of PTO Error
Reel # Frame #

Corrective Document
Reel # Frame #

Conveyance Type

Assignment Security Agreement

License Change of Name

Merger Other

U.S. Government
(For Use ONLY by U.S. Government Agencies)

Departmental File Secret File

Conveying Party(ies)

Mark if additional names of conveying parties attached

Name (line 1) Execution Date Month Day Year

Name (line 2)

Second Party

Name (line 1)

Name (line 2)

Execution Date Month Day Year

Receiving Party

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If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

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City State/Country Zip Code

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FOR OFFICE USE ONLY

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Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:
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PATENT
REEL: 010499 FRAME: 0855

Correspondent Name and Address Area Code and Telephone Number

Name

Address (line 1)

Address (line 2)

Address (line 3)

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Pages Enter the total number of pages of the attached conveyance document including any attachments. #

Application Number(s) or Patent Number(s) Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)			Patent Number(s)		
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="5183081"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="5355911"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="5390708"/>	<input type="text"/>	<input type="text"/>

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT PCT PCT

PCT PCT PCT

Number of Properties Enter the total number of properties involved. #

Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$


Method of Payment: Enclosed Deposit Account Our Order #

(Enter for payment by deposit account or if additional fees can be charged to the account.)
Deposit Account Number: #

Authorization to charge additional fees: Yes No

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. Charges to deposit account are authorized, as indicated herein.

Glenn M. Massina, Esquire 

Name of Person Signing Reg. No. 40,081 Signature Date

ASSIGNMENT

WHEREAS, Asten Group, Inc. changed its name to Asten, Inc. on December 31, 1994, as indicated on the attached copy of the Certificate of Ownership and Merger.

WHEREAS, Asten, Inc. was the surviving corporation of a merger dated September 9, 1999 under the name of AstenJohnson, Inc. as indicated on the attached copy of the Certificate of Merger.

WHEREAS, the U.S. and Canadian patents listed on Schedule A attached hereto were assigned to Asten Group, Inc. as reflected in the prior assignments identified on Schedule A.

WHEREAS, AstenJohnson, Inc., a Delaware corporation having its principal place of business at 4399 Corporate Road, Charleston, South Carolina 29423-8001, U.S., (the undersigned), through a continuous chain of title, is the current owner of the U.S. and Canadian patents listed on Schedule A.

AND, WHEREAS, North Rocky Robot Technology Inc., a corporation of the State of Idaho, having its principal place of business at 1305 Highway 2 West, Sandpoint, Idaho 83864, U.S. (the assignee), is desirous of acquiring the entire right, title and interest in the patents listed on Schedule A.

NOW, THEREFORE, in consideration of One Dollar (\$1.00), receipt of which is acknowledged by the undersigned, and of other good and valuable consideration, the undersigned, intending to be legally bound, does hereby sell, assign and transfer to the assignee and assignee's assigns, successors and legal representatives the entire right, title and interest in said patents listed on Schedule A attached hereto, the right to claim priority under statute, regulation, treaty or the Paris Convention, and in all letters patent, including all reissues or reexaminations thereof, in the United States and Canada.

It is agreed that the undersigned shall be legally bound, upon request of the assignee, to supply all information and evidence relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention

throughout the world for the benefit of the assignee, and to execute all instruments proper to carry out the intent of this Assignment.

The undersigned warrants that the rights and property herein conveyed are free and clear of any encumbrance.

EXECUTED under seal on this 23rd day of NOVEMBER, 1999 at Charleston, S.C.

AstenJohnson, Inc.

Gerald T. Chapman (L.S.)
Gerald T. Chapman
Secretary

Witnesses:

Susan C Taylor

[Signature]

State of South Carolina

County of Charleston ss.

On this 23rd day of November, 1999 before me personally appeared Gerald T. Chapman, to me known to be the person described in and who executed the foregoing instrument, and acknowledged that he executed the same knowingly and willingly and for the purposes therein contained.

Witness my hand and Notarial seal the day and year immediately above written.

Susan C Taylor
Notary Public

My Commission Expires: 11-09-09

SCHEDULE A**U.S. PATENTS**

TITLE	APPLN. NO.	FILING DATE	PATENT NO.	ISSUE DATE	PRIOR ASSIGN. RECORDATION	
					DATE	REEL/FRAME
WEAVESHEDFORMATION APPARATUS FOR END REWEAVING TYPE JOINING APPARATUS	07/832,350	02/07/92	5,183,081	02/02/93	04/06/92	6066/0407
WEAVESHEDFORMATION APPARATUS WITH INDIVIDUAL HEDDLE SELECTOR CONTROL	07/959,967	10/13/92	5,355,911	10/18/94	04/06/92	6066/0407
APPARATUS FOR TRANSLATING YARNS IN THE PROPER POSITION AND ORIENTATION FOR FORMING A WOVEN JOIN	08/124,921	09/21/93	5,390,708	02/21/95	09/21/93	6715/0040


CANADIAN PATENTS

TITLE	APPLN. NO.	FILING DATE	PATENT NO.	ISSUE DATE	PRIOR ASSIGN. RECORDATION	
					DATE	REG. NO.
WEAVE SHED FORMATION APPARATUS	2,075,121-5	07/31/92	2,075,121	08/22/95	03/05/93	1351885
YARN POSITIONING APPARATUS	2,115,789	2/16/94	2,115,789	2/9/99	08/19/94	1398250

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 OWNERSHIP OF "ASTEN GROUP, INC.", CHANGING ITS NAME FROM "ASTEN GROUP, INC." TO "ASTEN, INC.", FILED IN THIS OFFICE ON THE TWENTY-EIGHTH DAY OF DECEMBER, A.D. 1994, AT 9 O'CLOCK A.M.





Edward J. Freel, Secretary of State

AUTHENTICATION:

DATE: 7449540

0298605 8100

950063882

PATENT⁹⁵
REEL: 010499 FRAME: 0860

CERTIFICATE OF OWNERSHIP AND MERGER

MERGING

**ASTEN DRYER FABRICS, INC.
ASTEN FORMING FABRICS, INC.
ASTEN MONOTECH, INC.
ASTEN PRESS FABRICS, INC.
AND
ASTEN TECHNOLOGIES, INC.**

INTO

ASTEN GROUP, INC.

ASTEN GROUP, INC., a corporation organized and existing under the laws of Delaware (the "Company"), DOES HEREBY CERTIFY THAT:

1. The Company was incorporated as Asten Manufacturing Company on the 25th day of April, 1931, pursuant to the General Corporation Law of the State of Delaware (the "GCL").

2. The Company owns all of the outstanding shares of the capital stock of (i) Asten Dryer Fabrics, Inc., a corporation incorporated on the 15th day of November, 1988, pursuant to the GCL; (ii) Asten Forming Fabrics, Inc., a corporation originally incorporated as Wisconsin Wires, Inc. on the 23rd day of March, 1972, pursuant to the GCL; (iii) Asten Monotech, Inc., a corporation incorporated on the 30th day of July, 1987, pursuant to the GCL; (iv) Asten Press Fabrics, Inc., a corporation incorporated on the 1st day of April, 1970, pursuant to the GCL; and (v) Asten Technologies, Inc., a corporation incorporated on the 8th day of February, 1991, pursuant to the GCL (collectively referred to as the "Subsidiaries").

3. The Company, by the following resolutions of its board of directors, duly adopted at a meeting thereof called for and held on November 3, 1994, has determined to merge the Subsidiaries into the Company:

RESOLVED, that the mergers of Asten Dryer Fabrics, Inc., Asten Press Fabrics, Inc., Asten Forming Fabrics, Inc., Asten Monotech, Inc. and Asten Technologies, Inc. (collectively, "Subsidiaries"), into and with the Company, upon substantially the terms and conditions set forth in the Plan of Merger presented to this meeting, is hereby approved and such Plan of Merger is hereby adopted; and further

RESOLVED, that the officers of the Company are hereby authorized to execute and to file with the appropriate state authorities the documents necessary to effectuate the mergers of the Subsidiaries into and with the Company, and to execute and deliver such additional documents as they may deem necessary or desirable in order to effect the transactions contemplated by the Plan of Merger; and further

RESOLVED, that the officers of the Company are hereby authorized and directed to take all additional action deemed necessary or desirable in connection with the Plan of Merger and the transactions contemplated thereby.

The Plan of Merger is attached as an Exhibit to this Certificate.

4. Article First of the Company's Certificate of Incorporation as heretofore amended is hereby further amended in its entirety to read as follows:

"FIRST: The name of the Corporation is ASTEN, INC."

5. The various actions contemplated by Sections 3 and 4 of this Certificate shall become effective at 11:59 p.m. on December 31, 1994.

IN WITNESS WHEREOF, the Company has caused this Certificate to be signed on its behalf by its President, and attested by its Secretary, on this 21st day of December, 1994.

ASTEN GROUP, INC.

By: 
William A. Finn, President

Attest:


Gerald T. Chapman, Secretary

PLAN OF MERGER

1. ASTEN GROUP, INC., a Delaware corporation (the "Company"), owns all of the outstanding capital stock of ASTEN DRYER FABRICS, INC., a Delaware corporation ("Dryer"), ASTEN FORMING FABRICS, INC., a Delaware corporation ("Forming"), ASTEN PRESS FABRICS, INC., a Delaware corporation ("Press"), ASTEN MONOTECH, INC., a Delaware corporation ("Monotech") and ASTEN TECHNOLOGIES, INC., a Delaware corporation ("Technologies"), Dryer, Forming, Press, Monotech and Technologies being hereinafter referred to collectively as the "Subsidiaries".

2. As of the Time of Effectiveness (as hereinafter defined), each of the Subsidiaries shall be merged into and with the Company (the "Mergers") in accordance with Subchapter IX of the Delaware General Corporation Law.

3. The Company shall be the surviving corporation in the Mergers, and no change shall be effected by the Mergers in the certificate of incorporation, bylaws, board of directors or officers of the Company, except that the name of the Company shall be changed to "Asten, Inc.".

4. As a result of the Mergers, all of the assets of each of the Subsidiaries shall be transferred and distributed to the Company, and the Company shall assume all of the liabilities of each of the Subsidiaries. Each share of the capital stock of the Company then outstanding shall remain outstanding; all shares of capital stock of each of the Subsidiaries shall be cancelled and no shares or other securities or obligations or cash of the Company shall be issued or transferred therefor.

5. This Plan is designed to secure for the Company the benefits of Section 332 of the Internal Revenue Code of 1986, as amended, and shall be effective at 11:59 p.m. on December 31, 1994 (the "Time of Effectiveness"), after due approval of and adoption by the board of directors of the Company.

Office of the Secretary of State

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:

"ASTEN MERGER, INC.", A DELAWARE CORPORATION, WITH AND INTO "ASTEN, INC." UNDER THE NAME OF "ASTENJOHNSON, INC.", A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE THE NINTH DAY OF SEPTEMBER, A.D. 1999, AT 10:30 O'CLOCK A.M.

A FILED COPY OF THIS CERTIFICATE HAS BEEN FORWARDED TO THE NEW CASTLE COUNTY RECORDER OF DEEDS.



Edward J. Freel

Edward J. Freel, Secretary of State

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9961515

AUTHENTICATION:

09-09-99

DATE:

PATENT REEL: 010499 FRAME: 0864

CERTIFICATE OF MERGER

OF

ASTEN MERGER, INC.

AND

ASTEN, INC.

**UNDER SECTION 251 OF THE GENERAL CORPORATION LAW
OF THE STATE OF DELAWARE**

* * * * *

ASTEN, INC. (the "Company") hereby certifies the following information relating to the merger of ASTEN MERGER, INC. ("AMI") with and into the Company (the "Merger"):

1. The respective names and states of incorporation of the Company and AMI, which are the constituent corporations in the Merger (collectively, the "Constituent Corporations"), are:

<u>Name</u>	<u>State of Incorporation</u>
Asten, Inc.	Delaware
Asten Merger, Inc.	Delaware

2. An agreement of merger to which each of the Constituent Corporations is a party (the "Agreement"), setting forth the terms and conditions of the Merger, has been approved, adopted, certified, executed and acknowledged by each of the Constituent Corporations in accordance with Section 251 of the General Corporation Law of the State of Delaware.

3. The name of the corporation surviving the Merger (the "Surviving Corporation") is Asten, Inc., which name is being changed to AstenJohnson, Inc.

4. The Certificate of Incorporation of the Company shall be the Certificate of Incorporation of the Surviving Corporation, except that Section 1 thereof shall be amended to read in its entirety as follows:


1. Name. The name of the Corporation is AstenJohnson, Inc.

5. An executed counterpart of the Agreement is on file at the principal place of business of the Surviving Corporation, which is located at 4399 Corporate Road, Charleston, South Carolina 29423-8001.

6. A copy of the executed Agreement will be furnished by the Surviving Corporation, on request and without cost, to any stockholder of either of the Constituent Corporations.

IN WITNESS WHEREOF, this Certificate of Merger has been executed this 9th day of September, 1999.

ASTEN, INC.

By: 
William A. Finn
President