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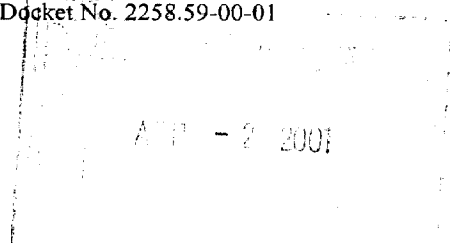
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FORM PTO-1595 U.S. DEPARTMENT OF COMMERCE
1/31/92 Patent and Trademark Office

Attorney Docket No. 2258.59-00-01

RECORDATION COVER SHEET
PATENTS ONLY

4-2-01



To the Honorable Commissioner of Patents and Trademarks.
Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Stadynamics, Inc.
A Delaware Corporation

2. Name and address of receiving party(ies):
Stadodyn, Inc.
A Delaware Corporation
1225 Florida Avenue
Longmont, CO 80501

Additional name(s) of conveying party(ies)
attached? ___ Yes x No

Additional name(s) & address(es)
attached? ___ Yes x No

3. Nature of conveyance:
 Assignment Merger
 Other: x Name Change

Execution Date(s): August 31, 1990

4. Application number(s) or patent number(s):	0279709	0323561	4014347
	4210150	4300575	4325254
	4332246	4632117	4640286
	4803988	4813418	4846181
	4895154	5063929	

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

A. Patent Application No(s).

B. Patent No(s).

Additional numbers attached? ___ Yes x No

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

Customer No. 24113
John F. Thuyente, Esq.
Patterson, Thuyente, Skaar & Christensen, P.A.
4800 IDS Center
80 South 8th Street
Minneapolis, Minnesota 55402

(612) 349-5747

6. Total number of applications and patents involved: 14

7. Total fee (37 CFR 3.41): \$560.00
 x Enclosed
 Authorized to be charged to deposit account

8. Deposit Account Number: 16-0631
(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

560E

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.

John F. Thuyente
Name of Person Signing

Signature

March 30, 2001
Date

Total number of pages comprising cover sheet: 1

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A.1

State of Delaware

PAGE 1

Office of the Secretary of State

I, WILLIAM T. QUILLEN, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "STAODYNAMICS, INC." FILED IN THIS OFFICE ON THE TENTH DAY OF SEPTEMBER, A.D. 1990, AT 10:10 O'CLOCK A.M.

* * * * *



William T. Quillen

William T. Quillen, Secretary of State

AUTHENTICATION: *4095334
DATE: 10/12/1993

932795349

PATENT
REEL: 011682 FRAME: 0169

CERTIFICATE OF AMENDMENT
OF
CERTIFICATE OF INCORPORATION
OF
STAODYNAMICS, INC.

Staadynamics, Inc., a corporation organized and existing under the General Corporation Law of the State of Delaware (the "Corporation") does hereby certify:

The amendments to the Certificate of Incorporation of the Corporation set forth in the following resolutions adopted by the Corporation's Board of Directors and stockholders have been duly declared to be advisable by the Board of Directors of the Corporation and duly proposed by such Board of Directors to the stockholders of the Corporation, and have been duly adopted by vote of the holders of a majority of all outstanding shares of capital stock of the Corporation entitled to vote thereon and by a majority of all outstanding shares of capital stock of each class entitled to vote thereon as a class, in accordance with the provisions of Section 242 of the General Corporation Law of the State of Delaware:

- I. "RESOLVED, that Article FIRST of the Certificate of Incorporation of the Corporation be and it hereby is amended in its entirety to read as follows:

FIRST: The name of the Corporation is Staodyn, Inc."

- II. "RESOLVED, that the first paragraph of Article FOURTH of the Certificate of Incorporation of the Corporation be and it hereby is amended in its entirety to read as follows:

FOURTH: the total number of shares of stock which the Corporation is authorized to issue is Eleven Million (11,000,000) shares, of which Ten Million (10,000,000) shares of the par value of \$.01 each are Common Stock and One Million (1,000,000) shares of the par value of \$0.01 each are Preferred Stock."

- III. "RESOLVED, that a new Article NINTH be added to the Corporation's Certificate of Incorporation to read as follows:

NINTH: The business and affairs of the Corporation shall be under the control or management of a Board of Directors consisting of not more than twelve (12) members who need not be stockholders. The exact number of directors within the maximum limitation specified in the preceding sentence shall be fixed from

time to time by the Board of Directors pursuant to a resolution adopted by a majority of the entire Board of Directors, but no decrease in the number of directors shall change the term of any director at the time thereof. The Board of Directors shall be divided into three classes, as nearly equal in number of directors as possible, as determined by the Board of Directors. Each class shall be elected for a term expiring at the annual meeting of stockholders held in the third successive year thereafter; provided, however, that at the 1990 annual meeting of stockholders one class shall be elected for a term expiring at the 1991 annual meeting of stockholders, one class for a term expiring at the 1992 annual meeting of stockholders, and one class for a term expiring at the 1993 annual meeting of stockholders. Each director shall continue in office until the annual meeting of stockholders in the year in which his term expires and thereafter until his successor is duly elected and qualified, unless a prior vacancy shall occur by reason of his death, resignation or removal from office.

Newly created directorships resulting from any increase in the authorized number of directors and any vacancies in the Board of Directors may be filled (a) by the affirmative vote of a majority of the directors then in office, even though less than a quorum, or (b) by the affirmative vote of the holders of a majority of the shares present and entitled to vote for the election of directors. Directors so chosen by the Board of Directors or the stockholders to fill a vacancy or newly created directorship shall hold office for a term expiring at the annual meeting of stockholders at which the term of the class to which they have been appointed or elected expires.

Any director, or the entire Board of Directors, may be removed from office at any time, with or without cause, but only by the affirmative vote of the holders of at least $66 \frac{2}{3}\%$ of the voting power of all of the shares of this Corporation entitled to vote for the election of directors.

The affirmative vote of the holders of at least $66 \frac{2}{3}\%$ of the voting power of all of the shares of the Corporation entitled to vote for the election of directors shall be required to amend or repeal, or to adopt any provision inconsistent with, this Article NINTH."

- IV. "RESOLVED, that a new Article TENTH be added to the Corporation's Certificate of Incorporation to read as follows:

TENTH:

A. In addition to the requirements of any applicable statute, the affirmative vote of stockholders holding not less than 66 2/3% of the outstanding shares of "Voting Stock" (as hereinafter defined) shall be required for the approval of any "Business Combination" (as hereinafter defined) involving this Corporation and for the approval or authorization by this Corporation, in its capacity as a stockholder, of any Business Combination involving a subsidiary of this Corporation which requires the approval or authorization of the stockholders of the subsidiary, provided, however, that the 66 2/3% voting requirement shall not be applicable if:

1. A majority of all the "Continuing Directors" (as hereinafter defined) by vote have expressly approved the Business Combination; or

2. The Business Combination is a merger, consolidation, exchange of shares or sale of all or substantially all of the assets of this Corporation and the cash to be received per share in the Business Combination by holders of the Common Stock of this Corporation (other than the "Related Person" as hereinafter defined) is not less than the highest per share price (including brokerage commissions, transfer taxes, soliciting dealers' fees and dealer-management compensation) paid by the Related Person in acquiring any of its holdings of this Corporation's Common Stock (with appropriate adjustments for recapitalizations, stock splits, stock dividends and other changes to the Corporation's capital structure).

B. For purposes of this Article TENTH.

1. The term "Business Combination" shall mean:

(i) any merger or consolidation of this Corporation or a subsidiary of this Corporation with or into a Related Person;

(ii) any sale, lease, exchange, transfer or other disposition (in one transaction or in a series of related transactions), including, without limitation, a mortgage or any other security device, of all or any "Substantial Part" (as hereinafter defined) of the assets of this Corporation (including, without limitation, any voting securities of a subsidiary of this Corporation) or

a subsidiary of this Corporation to a Related Person;

(iii) any sale, lease, exchange, transfer or other disposition (in one transaction or in a series of related transactions) of all or any Substantial Part of the assets of a Related Person to this Corporation or a subsidiary of this Corporation;

(iv) any issuance, sale, exchange, transfer or other disposition of any securities of this Corporation or a subsidiary of this Corporation to a Related Person (except Common Stock issuable pursuant to the exercise of employee options to purchase, for each employee, during any twelve-month period, not more than one percent of the Common Stock outstanding during such period), including without limitation, any exchange of shares of this Corporation or a subsidiary of this Corporation for shares of a Related Person which, in the absence of this Article, would have required the affirmative vote of at least a majority of the voting power of the outstanding shares of this Corporation entitled to vote or the affirmative vote of this Corporation in its capacity as a stockholder of the subsidiary;

(v) any acquisition by this Corporation or a subsidiary of this Corporation of any securities of a Related Person or any securities of this Corporation or a subsidiary of this Corporation from a Related Person;

(vi) any recapitalization or reclassification of the securities of this Corporation or a subsidiary of this Corporation which would have the effect of increasing the voting power of the Related Person;

(vii) any plan or proposal for the liquidation of this Corporation proposed by or on behalf of a Related Person; and

(viii) any agreement, contract or other arrangement providing for any of the transactions described in this definition of Business Combination.

2. The term "Related Person" shall mean and include any "Person" (as hereinafter defined) which, together with its "Affiliates" and "Associates" (as hereinafter defined), beneficially owns in the aggregate

20% or more of the voting power of the Voting Stock, and any Affiliate or Associate of any such Person. Beneficial ownership shall be determined under Rule 13d-3 of the Securities Exchange Act of 1934, as amended, as in effect on August 16, 1990; provided, however, a Person shall also be deemed to be the beneficial owner of (i) any shares of Voting Stock which such Person or any of its Affiliates or Associates has the right to acquire at any time pursuant to any agreement, arrangement or understanding, or upon exercise of conversion rights, warrants or options or otherwise, and (ii) any shares of Voting Stock beneficially owned by any other Person with which such Person or any of its Affiliates or Associates has any agreement, arrangement or understanding for the purpose of acquiring, holding, voting or disposing of the shares of Voting Stock.

3. The term "Person" shall mean any individual, Corporation, partnership or other person or entity.

4. The term "Affiliate", used to indicate a relationship to a specified person, shall mean a person that directly, or indirectly through one or more intermediaries, controls, or is controlled by, or is under common control with, such specified person.

5. The term "Associate", used to indicate a relationship with a specified person, shall mean (i) any Corporation or organization (other than this Corporation or a majority-owned subsidiary of this Corporation) of which such specified person is an officer or partner or is, directly or indirectly, the beneficial owner of ten percent or more of any class of equity securities, (ii) any trust or other estate in which such specified person has a substantial beneficial interest or as to which such specified person serves as trustee or in a similar fiduciary capacity, and (iii) any relative or spouse of such specified person, or any relative of such spouse, who has the same home as such specified person or who is a director or officer of this Corporation or any of its parents or subsidiaries.

6. The term "Voting Stock" shall mean all outstanding shares of capital stock of this Corporation entitled to vote generally in the election of directors. Each reference to a proportion of shares of Voting Stock shall refer to such proportion of the votes entitled to be cast by such shares.

7. The term "Continuing Director" shall mean any person then serving as a director of this Corporation (i) who was a member of the Board of Directors of this

Corporation on August 16, 1990, or (ii) who became a director after August 16, 1990 and whose election, or nomination for election by this Corporation's stockholders was approved by a majority of all of the Continuing Directors, either by a specific vote or by approval of the proxy statement issued by this Corporation on behalf of the Board of Directors in which such person is named as nominee for director; provided, however, that in no event shall a director who announces that he has a conflict of interest with respect to, and refrains from voting on, the Business Combination in question be deemed to be a Continuing Director for purposes of such vote.

8. The term "Substantial Part" shall mean more than 25% of the fair market value of the total assets of the Corporation in question, as of the end of its most recent fiscal year ending prior to the time the determination is being made.

C. For the purpose of this Article TENTH, the Continuing Directors by a majority vote shall have the power to make a binding determination as to : (i) the number of shares of Voting Stock of this Corporation that any person or entity beneficially owns; (ii) whether a person or entity is a Affiliate or Associate of another; (iii) whether the assets subject to any Business Combination constitute a Substantial Part; (iv) whether any Business Combination is one in which a Related Person has an interest; (v) whether the cash to be received per share by holders of Common Stock of this Corporation other than the Related Person in a Business Combination is an amount at least equal to the highest per share price paid by the Related Person; and (vi) such other matters with respect to which a determination is required under this Article TENTH.

D. The affirmative vote of the holders of at least 66 2/3% of the outstanding shares of Voting Stock of this Corporation shall be required to amend or repeal, or to adopt any provision inconsistent with, this Article TENTH.

IN WITNESS WHEREOF, said Staodynamics, Inc., has caused this Certificate to be signed by W. Bayne Gibson, President and attested by Lynda S. Dreiling, Secretary, this 31st day of August, 1990.

STAODYNAMICS, INC.

By W. Bayne Gibson
W. Bayne Gibson, President

ATTEST:

Lynda S. Dreiling
Lynda S. Dreiling, Secretary

CERTIFICATE OF INCORPORATION

STADYNAMICS, INC.

FIRST. The name of the Corporation is:

STADYNAMICS, INC.

SECOND. The Address of the registered office of the Corporation in the State of Delaware is Corporation Trust Center, 1209 Orange Street, Wilmington, County of New Castle, Delaware 19801, and the name of its registered agent at that address is The Corporation Trust Company.

THIRD. The purpose of the Corporation is to engage in any lawful act or activity for which corporations may be organized under the General Corporation Law of Delaware.

FOURTH. The total number of shares of stock which the Corporation is authorized to issue is Six Million (6,000,000) shares, of which Five Million (5,000,000) shares of the par value of \$.01 each are Common Stock and One Million (1,000,000) shares of the par value of \$.01 each are Preferred Stock.

Shares of Preferred Stock may be issued from time to time in one or more series. The Board of Directors of the Corporation is authorized to fix or alter the rights, powers, preferences and privileges, and the qualifications, limitations or restrictions thereof, of any series of preferred stock, including but not limited to dividend rights, dividend rate, conversion rights, voting rights, and liquidation preferences; and to fix the number of shares constituting any such series and the designation thereof; and to increase or decrease the number of shares of any such series (but not below the number of shares thereof then outstanding).

FIFTH. In furtherance and not in limitation of the powers conferred by statute, the Board of Directors is expressly authorized to make, repeal, alter, amend and rescind the Bylaws of the Corporation.

SIXTH. The names and mailing addresses of the persons who are to serve as directors of the Corporation until the first annual meeting of stockholders or until their successors are elected and qualify are:

<u>Name</u>	<u>Address</u>
W. Bayne Gibson	1225 Florida Avenue, Longmont CO 80501
Frederick H. Ayers	1225 Florida Avenue, Longmont CO 80501
William E. Coleman	1225 Florida Avenue, Longmont CO 80501
Richard E. Geesaman	1225 Florida Avenue, Longmont CO 80501
Margaret S. Hansson	1225 Florida Avenue, Longmont CO 80501
Alan C. Stormo Jr.	1225 Florida Avenue, Longmont CO 80501
Gerald D. Van Eeckhout	1225 Florida Avenue, Longmont CO 80501

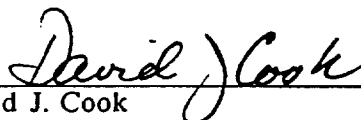
SEVENTH. To the fullest extent permitted by the Delaware General Corporation Law, as the same exists or may hereafter be amended, a director of the Corporation shall not

be liable to the Corporation or its stockholders for monetary damages for breach of fiduciary duty as a director.

EIGHTH. The name and mailing address of the incorporator of the Corporation is:

<u>Name</u>	<u>Address</u>
David J. Cook	1401 Walnut Street Suite 500 Boulder, CO 80302

THE UNDERSIGNED, being the incorporator hereinbefore named, for the purpose of forming a corporation to do business both within and without the State of Delaware and in pursuance of the Delaware General Corporation Law, does make and file this Certificate hereby declaring and certifying that the facts herein stated are true, and accordingly has hereunto set his hand and seal this 27th day of April, 1987.



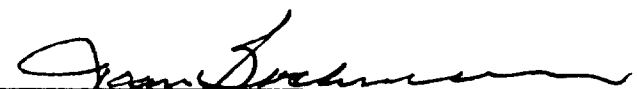
 David J. Cook

STATE OF COLORADO)
) ss:
 COUNTY OF BOULDER)

On this 27th day of April, 1987, personally came before me, the subscriber, a Notary Public for the State and County aforesaid, David J. Cook, known to me personally to be such person, and acknowledged that said Certificate of Incorporation to be his act and deed and that the facts therein stated are truly set forth. Given under my hand and seal of office the day and year aforesaid.

My Commission Expires: 10-19-87

[SEAL]



 Notary Public

Office of the Secretary of State

I, WILLIAM T. QUILLEN, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER OF DELAWARE & FOREIGN CORPORATIONS OF "STAODYNAMICS, INC." FILED IN THIS OFFICE ON THE TWENTY-EIGHTH DAY OF SEPTEMBER, A.D. 1987, AT 10 O'CLOCK A.M.

* * * * *



William T. Quillen

William T. Quillen, Secretary of State
*4093331

AUTHENTICATION: 10/12/1993

DATE: PATENT

REEL: 011682 FRAME: 0178

932795349

CERTIFICATE OF MERGER OF

STADYNAMICS, INC.
(a Colorado corporation)

Into

STADYNAMICS, INC.
(A Delaware corporation)

Under Section 252(c) of the
General Corporation Law of Delaware

We, the undersigned, being the President and Secretary of Staodynamics, Inc., a Delaware corporation, do hereby certify as follows:

1. The constituent corporations of the merger referred to in this Certificate are Staodynamics, Inc., a Delaware corporation (hereinafter referred to as Staodynamics Delaware) and Staodynamics, Inc., a Colorado corporation (hereinafter referred to as Staodynamics Colorado.)

2. An Agreement and Plan of Merger has been approved, adopted, certified, executed and acknowledged by each of said constituent corporations in accordance with the provisions of Section 252(c) of the General Corporation Law of Delaware.

3. Staodynamics Delaware is the corporation surviving the merger referred to.

4. The Certificate of Incorporation of Staodynamics Delaware shall be the Certificate of Incorporation of the surviving corporation.

5. The executed Agreement and Plan of Merger is on file at the principal place of business of Staodynamics Delaware, the surviving corporation, which address is 1225 Florida Avenue, Longmont, Colorado 80501.

6. A copy of the Agreement and Plan of Merger will be furnished by Staodynamics Delaware, upon request, and without cost, to any stockholder of either constituent corporation.

7. The authorized capital stock of Staodynamics Colorado is 5,000,000 shares of Common Stock, \$.01 par value.

8. This instrument and the merger referred to herein shall become effective on October 1, 1987.

Dated: September 23, 1987.

STADYNAMICS, INC.
a Delaware corporation

By: W. Bayne Gibson
W. Bayne Gibson, President

By: Michael J. Newman
Michael J. Newman, Secretary