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Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	CHANGE OF NAME

CONVEYING PARTY DATA

Name	Execution Date
Genesis Microchip Corporation	10/17/2001

RECEIVING PARTY DATA

Name:	Genesis Microchip (Delaware) Inc.
Street Address:	2150 Gold Street
City:	Alviso
State/Country:	CALIFORNIA
Postal Code:	95002

PROPERTY NUMBERS Total: 22

Property Type	Number
Patent Number:	6430240
Patent Number:	6272193
Patent Number:	6922188
Application Number:	11011399
Application Number:	11021130
Patent Number:	7019764
Application Number:	11408528
Application Number:	11408669
Application Number:	10720001
Patent Number:	6232952
Patent Number:	6320574
Patent Number:	5796392
Patent Number:	6157376
Patent Number:	5987624
Patent Number:	6147668

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Patent Number:	6028571
Patent Number:	6046738
Patent Number:	6011538
Patent Number:	6268848
Patent Number:	6054980
Patent Number:	6005544
Patent Number:	5847701

CORRESPONDENCE DATA

Fax Number: (408)255-8002
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
Phone: 408-255-8001
Email: kgomez@beyerlaw.com
Correspondent Name: Beyer Law Group LLP
Address Line 1: P.O. Box 1687
Address Line 4: Cupertino, CALIFORNIA 95015-1687

ATTORNEY DOCKET NUMBER:	GENSG000
NAME OF SUBMITTER:	Michael J. Ferrazano

Total Attachments: 5
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Delaware

PAGE 1

The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE RESTATED CERTIFICATE OF "GENESIS MICROCHIP CORPORATION", CHANGING ITS NAME FROM "GENESIS MICROCHIP CORPORATION" TO "GENESIS MICROCHIP (DELAWARE) INC.", FILED IN THIS OFFICE ON THE SEVENTEENTH DAY OF OCTOBER, A.D. 2001, AT 4 O'CLOCK P.M.

3391857 8100

020004923

Harriet Smith Windsor

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 1539049

DATE: 01-03-02

PATENT
REEL: 012405 FRAME: 0123

AMENDED AND RESTATED CERTIFICATE OF INCORPORATION OF GENESIS MICROCHIP CORPORATION

a Delaware corporation

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

FIRST: The name of this corporation is Genesis Microchip Corporation. The original name of this corporation was Gill Newco, Inc. The original Certificate of Incorporation of the corporation was filed with the Secretary of State of the State of Delaware on May 17, 2001.

SECOND: The amendment and restatement herein set forth has been duly approved by the Board of Directors of the corporation and by the sole stockholder of the corporation pursuant to Sections 141, 228 and 242 of the Delaware Law.

THIRD: The restatement herein set forth has been duly adopted pursuant to Section 245 of the Delaware Law. This Amended and Restated Certificate of Incorporation restates and integrates and amends the provisions of the corporation's Certificate of Incorporation.

FOURTH: The text of the Certificate of Incorporation is hereby amended and restated to read in its entirety as follows:

ARTICLE I

The name of this corporation is Genesis Microchip (Delaware) Inc. (the "Corporation").

ARTICLE II

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

ARTICLE III

The nature of the business or purposes to be conducted or promoted is to engage in any lawful act or activity for which corporations may be organized under the General Corporation Law.

ARTICLE IV

This Corporation is authorized to issue one class of shares, designated as Common Stock, consisting of fifteen thousand (15,000) shares, par value $0.001 per share.

ARTICLE V

STATE OF DELAWARE
SECRETARY OF STATE
DIVISION OF CORPORATIONS
FILED 08:00 PM 10/17/2001
010518323 – 3381857

The Corporation is to have perpetual existence.

ARTICLE VI

Except as otherwise provided in this Certificate of Incorporation, the Board of Directors may make, repeal, alter, amend or rescind any or all of the Bylaws of the Corporation.

ARTICLE VII

The number of directors which constitute the whole Board of Directors shall be designated in the Bylaws of the Corporation.

ARTICLE VIII

Elections of directors at an annual or special meeting need not be by written ballot unless a stockholder demands election by written ballot at the meeting and before voting begins or unless the Bylaws of the Corporation shall so provide.

ARTICLE IX

Meetings of stockholders may be held within or without the State of Delaware, as the Bylaws may provide. The books of the Corporation may be kept (subject to any provision contained in the statutes) outside the State of Delaware at such place or places as may be designated from time to time by the Board of Directors or in the Bylaws of the Corporation.

ARTICLE X

The Corporation may amend, alter, change or repeal any provision contained in this Amended and Restated Certificate of Incorporation, in the manner now or hereafter prescribed by statute. All rights conferred on stockholders herein are granted subject to this reservation.

ARTICLE XI

To the fullest extent permitted by the General Corporation Law, as the same may be amended from time to time, a director of the Corporation shall not be personally liable to the Corporation or its stockholders for monetary damages for breach of fiduciary duty as a director. If the General Corporation Law is hereafter amended to authorize, with or without the approval of a corporation's [illegible] duty, then a director of the Corporation shall not be liable for any such breach to the fullest extent permitted by the General Corporation Law as so amended.

Any repeal or modification of the foregoing provisions of this Article XI, by amendment of this Article XI or by operation of law, shall not adversely affect any right or protection of a director of the Corporation with respect to any acts or omissions of such director occurring prior to such repeal or modification.

ARTICLE XII

To the fullest extent permitted by applicable law, the Corporation is authorized to provide indemnification of (and advancement of expenses to) directors, officers, employees and other agents of the Corporation (and any other persons to which Delaware law permits the Corporation to provide indemnification), through Bylaw provisions, agreements with any such director, officer, employee or other agent or other person, vote of stockholders or disinterested directors, or otherwise, in excess of the indemnification and advancement otherwise permitted by Section 145 of the General Corporation Law, subject only to limits created by applicable Delaware law (statutory or nonstatutory), with respect to actions for breach of duty to a corporation, its stockholders and others.

Any repeal or modification of any of the foregoing provisions of this Article XII, by amendment of this Article XII or by operation of law, shall not adversely affect any right or protection of a director, officer, employee or other agent or other person existing at the time of, or increase the liability of any director of the Corporation with respect to any acts or omissions of such director, officer or agent occurring prior to such repeal or modification.

ARTICLE XIII

Whenever a compromise or arrangement is proposed between this Corporation and its creditors or any class of them and/or between this Corporation and its stockholders or any class of them, any court of equitable jurisdiction within the State of Delaware may, on the application in a summary way of this Corporation or of any creditor or stockholder thereof or on the application of any receiver or receivers appointed for this Corporation under the provisions of Section 291 of Title 8 of the Delaware Code or on the application of trustees in dissolution or of any receiver or receivers appointed for this Corporation under the provisions of Section 279 of Title 8 of the Delaware Code, order a meeting of the creditors or class of creditors, and/or of the stockholders or class of stockholders of this Corporation, as the case may be, to be summoned in such manner as the said court directs. If a majority in number representing three-fourths in value of the creditors or class of creditors, and/or of the stockholders or class of stockholders of this Corporation, as the case may be, agree to any compromise or arrangement and to any reorganization of this Corporation as a consequence of such compromise or arrangement, the said compromise or arrangement and the said reorganization shall, if sanctioned by the court to which the said application has been made, be binding on all the creditors or class of creditors, and/or on all the stockholders or class of stockholders, of this Corporation, as the case may be, and also on this Corporation.

[redacted]

IN WITNESS WHEREOF, this Amended and Restated Certificate of Incorporation has been signed by the Secretary of this Corporation this 16th day of October, 2001.

GENESIS MICROCHIP CORPORATION
a Delaware corporation

By: Eric Erdman /s/
Eric Erdman,
Secretary

[illegible]