LAW OFFICES OF RICHARD M. KNELLINGER, P. A.

RICHARD M. KNELLINGER

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305 BANK OF AMERICA BUILDING 2815 NORTHWEST THIRTEENTH STREET

July 6, 2001

Secretary of State Division of Corporations 409 E. Gaines Street Post Office Box 6327 Tallahassee, Florida 32314

RE: NANOSPHERE, INC.

000004464460--7 -07/09/01--01073--009 ******35.00 ******35.00

Dear Sir or Madam:

Enclosed are the following in connection with the above-referenced corporation:

- Original executed Amended and Restated Articles of Incorporation; and
- 2. Our check in the amount of \$35.00

Please return the Certificate and a copy of the Amended Articles to this office afterfiling.

Thank you for your consideration in this matter.

Sincerely,

Richard M. "Rick" Knellinger

RMK/cd

Enclosures (2): as stated

cc: Jim Talton

AMENDED AND RESTATED ARTICLES OF INCORPORATION OF

NANOSPHERE, INC.

The undersigned Florida profit corporation, for the purposes of amending and restating its Articles of Incorporation under the Florida General Corporation Act, does hereby adopt, amend and restate its articles of incorporation, as follows:

ARTICLE I

The name of the Corporation is Nanosphere, Inc.

ARTICLE II

The duration of the corporation is perpetual.

ARTICLE III

The general purposes for which the corporation is organized is to transact any lawful business for which corporations may be incorporated under the Florida General Corporation Act.

ARTICLE IV

The aggregate number of shares which the corporation is authorized to issue is one thousand (1,000). Such shares shall be of a single class, and shall have a par value of one dollar (\$1.00) per share.

ARTICLE V

The street address of the registered office of the corporation is: 12085 Research Drive, Alachua, Florida, 32615, and the name of its registered agent at such address is: James D. Talton.

ARTICLE VI

The number of directors constituting the board of directors of the corporation shall be no less than two (2).

ARTICLE VII

The name and address of the incorporator is:

James D. Talton 4101 NW 21st Terrace Gainesville, Florida 32605

The address of the principal place of business is:

12085 Research Drive Alachua, Florida, 32615

ARTICLE VIII

The amendments contained herein were approved by the shareholders and by the Board of Directors of the corporation on \(\sum_{\omega} \sum_{\omega} \), 200\(\text{o} \) by votes sufficient for approval.

JAMES D. TALTON

ACCEPTANCE AS REGISTERED AGENT

I, JAMES D. TALTON, the undersigned, do hereby accept designation as Registered Agent for the above-named corporation.

JAMES D. TALTON`