

MEDISTEM INC.
Form 15-15D
January 21, 2009

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 15

CERTIFICATION AND NOTICE OF TERMINATION OF REGISTRATION UNDER SECTION 12(g) OF THE SECURITIES EXCHANGE ACT OF 1934 OR SUSPENSION OF DUTY TO FILE REPORTS UNDER SECTIONS 13 AND 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934.

Commission File Number 333-100137

Medistem Inc.
(Exact name of registrant as specified in its charter)

2223 West Pecos Road, Suite 6, Chandler, AZ 85224 (877) 372-7836
(Address, including zip code, and telephone number, including area code, of registrant's principal executive offices)

Common Stock \$0.0001 par value
(Title of each class of securities covered by this Form)

N/A
(Titles of all other classes of securities for which a duty to file reports under section 13(a) or 15(d) remains)

Please place an X in the box(es) to designate the appropriate rule provision(s) relied upon to terminate or suspend the duty to file reports:

| | |
|-----------------|-----|
| Rule | [] |
| 12g-4(a)(1) | |
| Rule | [] |
| 12g-4(a)(2) | |
| Rule | [X] |
| 12h-3(b)(1)(i) | |
| Rule | [] |
| 12h-3(b)(1)(ii) | |
| Rule 15d-6 | [X] |

Approximate number of holders of record as of the certification or notice date: 116

Pursuant to the requirements of the Securities Exchange Act of 1934, Medistem Inc. has caused this certification/notice to be signed on its behalf by the undersigned duly authorized person.

Date: January 20, 2009

By: /s/ Steven M. Rivers
Steven M. Rivers, Chief Financial Officer

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Instruction: This form is required by Rules 12g-4, 12h-3 and 15d-6 of the General Rules and Regulations under the Securities Exchange Act of 1934. The registrant shall file with the Commission three copies of Form 15, one of which shall be manually signed. It may be signed by an officer of the registrant, by counsel or by any other duly authorized person. The name and title of the person signing the form shall be typed or printed under the signature.

Persons who respond to the collection of information contained
in this form are not required to respond unless the form displays
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