

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

**POST-EFFECTIVE AMENDMENT NO. 1
TO
FORM S-3
REGISTRATION STATEMENT UNDER
THE SECURITIES ACT OF 1933**

VICAL INCORPORATED

(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction
of incorporation or organization)

93-0948554
(I.R.S. Employer
Identification Number)

**10390 Pacific Center Court
San Diego, California 92121
(858) 646-1100**

(Address, including zip code, and telephone number, including area code, of registrant's principal executive offices)

**Vijay B. Samant
President and Chief Executive Officer
Vical Incorporated
10390 Pacific Center Court
San Diego, California 92121
(858) 646-1100**

(Name, address, including zip code, and telephone number, including area code, of agent for service)

Copies to:

**Frederick T. Muto, Esq.
Jason L. Kent, Esq.
Cooley Godward Kronish LLP
4401 Eastgate Mall
San Diego, California 92121
(858) 550-6000**

Approximate date of commencement of proposed sale to the public:

This post-effective amendment deregisters those securities that remain unsold hereunder as of the date hereof.

If the only securities being registered on this Form are being offered pursuant to dividend or interest reinvestment plans, please check the following box.

If any of the securities being registered on this Form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, other than securities offered only in connection with dividend or interest reinvestment plans, check the following box.

If this Form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, please check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this Form is a post-effective amendment filed pursuant to Rule 462(c) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this Form is a registration statement pursuant to General Instruction I.D. or a post-effective amendment thereto that shall become effective upon filing with the Commission pursuant to Rule 462(e) under the Securities Act, check the following box.

If this Form is a post-effective amendment to a registration statement filed pursuant to General Instruction I.D. filed to register additional securities or additional classes of securities pursuant to Rule 413(b) under the Securities Act, check the following box.

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer or a smaller reporting company. See definitions of "large accelerated filer," "accelerated filer," and "smaller reporting company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer

Non-accelerated filer

(Do not check if a smaller reporting company)

Accelerated filer

Smaller reporting company

DEREGISTRATION OF SECURITIES

This post-effective amendment to the Registration Statement on Form S-3 (Registration No. 333-131307) (the "Registration Statement") of Vical Incorporated, a Delaware corporation (the "Registrant"), filed with the Securities and Exchange Commission on January 27, 2006, hereby amends the Registration Statement to deregister any securities registered pursuant to the Registration Statement and not otherwise sold thereunder.

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, as amended, the Registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-3 and has duly caused this post-effective amendment to the Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of San Diego, State of California, on May 20, 2009.

Vical Incorporated

By: /s/ Vijay B. Samant
Vijay B. Samant
President and Chief Executive Officer

Pursuant to the requirements of the Securities Act of 1933, as amended, this post-effective amendment to the Registration Statement has been signed by the following persons in the capacities and on the dates indicated.

<u>Signature</u>	<u>Title</u>	<u>Date</u>
<u>/s/ Vijay B. Samant</u> Vijay B. Samant	President, Chief Executive Officer and Director <i>(Principal Executive Officer)</i>	May 20, 2009
<u>/s/ Jill M. Broadfoot</u> Jill M. Broadfoot	Senior Vice President, Chief Financial Officer and Secretary <i>(Principal Financial and Accounting Officer)</i>	May 20, 2009
<u>/s/ R. Gordon Douglas, M.D.*</u> R. Gordon Douglas, M.D.	Chairman of the Board of Directors	May 20, 2009
<u>/s/ Robert H. Campbell*</u> Robert H. Campbell	Director	May 20, 2009
<u>/s/ Gary A. Lyons*</u> Gary A. Lyons	Director	May 20, 2009
<u>/s/ Robert C. Merton, Ph.D.*</u> Robert C. Merton, Ph.D.	Director	May 20, 2009

* Pursuant to power of attorney

By: /s/ Vijay B. Samant
Vijay B. Samant
Attorney-in-Fact