

**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 0-21918

FLIR SYSTEMS, INC.

(Exact name of registrant as specified in its charter)

27700 SW Parkway Avenue, Wilsonville, Oregon 97070; (503) 498-3547
(Address, including zip code, and telephone number, including area code, of registrant's principal executive offices)

Preferred Stock Purchase Rights
(Title of each class of securities covered by this Form)

Common Stock
(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)	<input checked="" type="checkbox"/>
Rule 12g-4(a)(2)	<input type="checkbox"/>
Rule 12h-3(b)(1)(i)	<input type="checkbox"/>
Rule 12h-3(b)(1)(ii)	<input type="checkbox"/>
Rule 15d-6	<input type="checkbox"/>

Approximate number of holders of record as of the certification or notice date: 0

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

Date: September 21, 2009

By: /s/ Stephen M. Bailey

Name: Stephen M. Bailey

Title: Sr. Vice President, Finance and Chief Financial Officer