

As filed with the Securities and Exchange Commission on November 18, 1996

SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

FORM 8-A

FOR REGISTRATION OF CERTAIN CLASSES OF SECURITIES  
PURSUANT TO SECTION 12(b) OR (g) OF THE  
SECURITIES EXCHANGE ACT OF 1934

INTEGRATED SURGICAL SYSTEMS, INC.

(Exact name of registrant as specified in its charter)

Delaware

68-0232575

(State of incorporation or  
organization)

(I.R.S. Employer Identification No.)

829 West Stadium Lane  
Sacramento, CA

95834

(Address of principal executive  
offices)

(Zip Code)

Securities to be registered pursuant to Section 12(b) of the Act:

Title of each class  
to be so registered

Name of each exchange on which  
each class is to be registered

Common Stock, par value \$.01  
Common Stock Purchase Warrants

The Pacific Stock Exchange Incorporated  
The Pacific Stock Exchange Incorporated

Securities to be registered pursuant to Section 12(g) of the Act:

NONE

(Title of Class)

NONE

(Title of Class)

1. Description of Registrant's  
Securities to Be Registered.

The description of the Registrant's Common Stock, par value \$.01 per share, and Redeemable Common Stock Purchase Warrants under the caption "Description of Securities" in the Registrant's Prospectus to be filed pursuant to Rule 424 (b) under the Securities Act of 1993, as amended, which relates to the Registrant's Registration Statement on Form SB-2 (File No. 333-9207), shall be deemed to have been incorporated by reference into this Registration Statement on Form 8-A.

Item 2.	Exhibits.	Incorporated by Reference To	Exhibit No.
1.	Specimen of security to be registered hereunder.		
	1.1 Specimen Certificate of Common Stock	(1)	4.3
	1.2 Specimen Redeemable Common Stock Purchase Warrant	(1)	4.4
2.	Constituent Instruments Defining Rights to Holders of Registered Securities.		
	2.1 Registrant's Certificate of Incorporation, as amended	(1)	3.1
	2.2 Registrant's By-Laws	(1)	3.2

(1) The Registrant's Registration Statement on Form SB-2 (File No. 333-9207), as amended.

SIGNATURE

Pursuant to the requirements of Section 12 of the Securities Exchange Act of 1934, the Registrant has duly caused this Registration Statement or amendment to be signed on its behalf by the undersigned, thereunto duly authorized.

INTEGRATED SURGICAL SYSTEMS, INC.

By: s/ Ramesh C. Trivedi

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Ramesh C. Trivedi  
Chief Executive Officer  
and President

Dated: November 18, 1996

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