

SECURITIES AND EXCHANGE COMMISSION
Washington, DC 20549

POST-EFFECTIVE AMENDMENT NO. 1
TO
REGISTRATION STATEMENT
ON FORM S-8
UNDER
THE SECURITIES ACT OF 1933

SHEFFIELD PHARMACEUTICALS, INC.

(Exact Name of Registrant as Specified in Its Charter)

DELAWARE (State or other jurisdiction of incorporation or organization)	13-3808303 (I.R.S. Employer Identification No.)
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30 ROCKEFELLER PLAZA, SUITE 4515 NEW YORK, NEW YORK (Address of principal executive offices)	10112 (Zip Code)
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OPTIONS GRANTED PURSUANT TO THE REGISTRANT'S 1993 STOCK OPTION PLAN

OPTIONS GRANTED PURSUANT TO THE REGISTRANT'S 1996 DIRECTORS STOCK OPTION PLAN

OPTIONS GRANTED TO DIRECTORS, OFFICERS, EMPLOYEES, CONSULTANTS
AND ADVISORS OF THE COMPANY PURSUANT TO OTHER EMPLOYEE BENEFIT PLANS
OF THE REGISTRANT
(Full Title of the Plan)

DOUGLAS R. EGER
CHAIRMAN
SHEFFIELD PHARMACEUTICALS, INC.
30 ROCKEFELLER PLAZA
NEW YORK, NEW YORK 10112
(Name and Address of agent for service)

(212) 957-6600
(Telephone number, including area code, of agent for service)

WITH A COPY TO:
DANIEL J. GALLAGHER, ESQ.
OLSHAN GRUNDMAN FROME & ROSENZWEIG LLP
505 PARK AVENUE
NEW YORK, NEW YORK 10022
(212) 753-7200

Sheffield Pharmaceuticals, Inc. (formerly Sheffield Medical Technologies Inc.) (the "Company") hereby deregisters 40,000 shares of its Common Stock originally registered under this Registration Statement as filed with the Securities and Exchange Commission on October 25, 1996. Such shares were reflected as having a proposed maximum offering price of \$5.50 per share in the "Calculation of Registration Fee" table of such Registration Statement. Such shares were never issued by the Company.

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SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the Registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has duly caused this amendment to Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of New York, State of New York, on August 26, 1997.

SHEFFIELD PHARMACEUTICALS, INC.

Dated: August 26, 1997

/S/ LOREN G. PETERSON

Loren G. Peterson
Chief Executive Officer

SIGNATURE	TITLE	DATE
/S/ DOUGLAS R. EGER ----- Douglas R. Eger	Director and Chairman	August 26, 1997
/S/ LOREN G. PETERSON ----- Loren G. Peterson	Director and Chief Executive Officer	August 26, 1997
/S/ THOMAS FITZGERALD ----- Thomas Fitzgerald	Director, President and Chief Operating Officer	August 26, 1997
/S/ JOHN M. BAILEY ----- John M. Bailey	Director	August 26, 1997
/S/ DIGBY W. BARRIOS ----- Digby W. Barrios	Director	August 26, 1997
/S/ GEORGE LOMBARDI ----- George Lombardi (Chief Financial and Chief Accounting Officer)	Vice President, Chief Financial Officer,	August 26, 1997