

SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

SCHEDULE 13G
Under the Securities Exchange Act of 1934
(Amendment No. 1)*

Document Sciences Corporation
(Name of issuer)

Common Stock, par value \$.001 per share
(Title of class of securities)

25614R-10-5
(CUSIP Number)

* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

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(1) NAMES OF REPORTING PERSONS S.S. OR I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS

Xerox Corporation I.R.S. Identification Number 16-0468020

(2) CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) / / (b) /X/

(3) SEC USE ONLY

(4) CITIZENSHIP OR PLACE OF ORGANIZATION New York

NUMBER OF SHARES (5) SOLE VOTING POWER 6,754,500

BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH (6) SHARED VOTING POWER 0

PERSON WITH (7) SOLE DISPOSITIVE POWER 6,754,500

(8) SHARED DISPOSITIVE POWER 0

(9) AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 6,754,500

(10) CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES* / /

(11) PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 62.53%

(12) TYPE OF REPORTING PERSON* CO

*SEE INSTRUCTIONS BEFORE FILLING OUT!

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ITEM 1. (a) NAME OF ISSUER: Document Sciences Corporation

(b) ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES:

6333 Greenwich Drive, Suite 100
San Diego, CA 92122

ITEM 2. (a) NAME OF PERSON FILING: Xerox Corporation

(b) ADDRESS OF PRINCIPAL BUSINESS OFFICE OR, IF NONE, RESIDENCE:

P.O. Box 1600
800 Long Ridge Road
Stamford, CT 06904-1600

(c) CITIZENSHIP: New York

(d) TITLE OF CLASS OF SECURITIES:

Common Stock, par value \$.001 per share

(e) CUSIP NUMBER: 25614R-10-5

ITEM 3. This statement is being filed pursuant to Rule 13d-1(c) in reliance upon the exemption provided by Section 13(d)(6)(B) of the Securities Exchange Act of 1934. See, e.g., No-action letters issued to Stuart D. Ames, Esq. (available March 30, 1990) and W.R. Grace & Co. (available March 14, 1984).

ITEM 4. OWNERSHIP.

(a) AMOUNT BENEFICIALLY OWNED:

(b) PERCENT OF CLASS: 62.53%

(c) NUMBER OF SHARES AS TO WHICH SUCH PERSON HAS:

(i) SOLE POWER TO VOTE OR DIRECT THE VOTE: 6,754,500

(ii) SHARED POWER TO VOTE OR DIRECT THE VOTE: 0

(iii) SOLE POWER TO DISPOSE OR DIRECT THE
DISPOSITION OF: 6,754,500

(iv) SHARED POWER TO DISPOSE OR DIRECT THE
DISPOSITION OF: 0

ITEM 5. OWNERSHIP OF FIVE PERCENT OR LESS OF A CLASS.

Not applicable.

ITEM 6. OWNERSHIP OF MORE THAN FIVE PERCENT ON BEHALF OF ANOTHER PERSON.

Not applicable.

ITEM 7. IDENTIFICATION AND CLASSIFICATION OF THE SUBSIDIARY WHICH ACQUIRED THE SECURITY BEING REPORTED ON BY THE PARENT HOLDING COMPANY.

Not applicable.

ITEM 8. IDENTIFICATION AND CLASSIFICATION OF MEMBERS OF THE GROUP.

Not applicable.

ITEM 9. NOTICE OF DISSOLUTION OF GROUP.

Not applicable.

ITEM 10. CERTIFICATION.

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired in the ordinary course of business and were not acquired for the purpose of and do not have the effect of changing or influencing the control of the issuer of such securities and were not acquired in connection with or as a participant in any transaction having such purpose or effect.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

February 13, 1998

XEROX CORPORATION

By: /s/ Martin S. Wagner
