

As filed with the Securities and Exchange Commission on April 27, 2001

Registration No. 333-_____

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

FORM S-8

REGISTRATION STATEMENT UNDER THE SECURITIES ACT OF 1933

TRANSACTION SYSTEMS ARCHITECTS, INC.
(Exact name of registrant as specified in its charter)

Delaware 47-0772104
(State or other jurisdiction of (I.R.S. Employer Identification No.)
incorporation or organization)

224 South 108th Avenue
Omaha, Nebraska 68154
(Address of principal executive offices, including zip code)

Transaction Systems Architects, Inc. 2000 Non-Employee Director Stock Option
Plan
(Full title of the plan)

David P. Stokes, Esq.
General Counsel and Secretary
Transaction Systems Architects, Inc.
224 South 108th Avenue
Omaha, Nebraska 68514
(402) 334-5101

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

CALCULATION OF REGISTRATION FEE

Title of Securities to be Registered	Amount to be Registered (1)	Proposed Maximum Offering Price Per Share (2)	Proposed Maximum Aggregate Offering Price	Amount of Registration Fee
Class A Common Stock, \$0.005 par value	25,000 shares	\$16.6875	\$417,187.50	\$104.30

(1) Pursuant to Rule 416, this Registration Statement also covers any additional shares of Class A Common Stock which may be issuable pursuant to the antidilution provisions of the Transaction Systems Architects, Inc. 2000 Non-Employee Director Stock Option Plan.

(2) Pursuant to Rule 457(h), computed on the basis of the exercise price of the outstanding options granted under the Transaction Systems Architects, Inc. 2000 Non-Employee Director Stock Option Plan.

PART II

INFORMATION REQUIRED IN THE REGISTRATION STATEMENT

Item 3. Incorporation of Certain Documents by Reference

Transaction Systems Architects, Inc. (the "Company") hereby incorporates by reference in this Registration Statement the documents listed in (a) through (d) below previously filed with the Securities and Exchange Commission (the "Commission") under the Securities Exchange Act of 1934, as amended (the "Exchange Act"):

- (a) The Company's Quarterly Report on Form 10-Q for the fiscal quarter ended December 31, 2000.
- (b) The Company's Annual Report on Form 10-K for the

fiscal year ended September 30, 2000.

- (c) The Company's current report on Form 8-K dated December 14, 2000, filed with the Commission on December 14, 2000.
- (d) The description of the Company's Class A Common Stock contained in the Company's registration statement on Form 8-A that the Company filed on January 11, 1995, including any amendment or reports that we file for the purposes of updating this description.

All documents subsequently filed with the Commission by the Company pursuant to Sections 13(a), 13(c), 14 and 15(d) of the Exchange Act prior to the filing of a post-effective amendment which indicates that all securities offered hereby have been sold or which deregisters all securities then remaining unsold shall be deemed to be incorporated herein by reference and to be a part hereof from the dates of filing of such documents.

Item 6. Indemnification of Directors and Officers

Section 145 of the Delaware General Corporation Law provides for the indemnification of officers and directors, subject to certain limitations. The Certificate of Incorporation of the registrant expressly provides for indemnification of an officer or director made a party or threatened to be made a party to proceedings by reason of the fact that such person was an officer or director. The Certificate of Incorporation also authorizes the registrant to maintain officer and director liability insurance, and such a policy is currently in effect.

Item 8. Exhibits

Exhibit
Number

- 4.1 Transaction Systems Architects, Inc. 2000 Non-Employee Director Stock Option Plan (incorporated by reference from Exhibit 10.33 of the Company's Quarterly Report on Form 10-Q/A Amendment No. 1 for the period ended June 30, 2000).
- 4.2 Amended and Restated Certificate of Incorporation of the Company, and amendments thereto (incorporated by reference from Exhibit 3.01 of the Company's Registration Statement No. 33-88292 on Form S-1).
- 4.3 Amended and Restated Bylaws of the Company, and First Amendment thereto (incorporated by reference from Exhibit 3.02 of the Company's Annual Report on Form 10-K for the fiscal year ended September 30, 1999).
- 5 Opinion of Baker & McKenzie
- 23.1 Consent of Arthur Andersen LLP
- 23.2 Consent of Baker & McKenzie (See Exhibit 5)
- 24 Power of Attorney (included in Signature Page)

Item 9. Undertakings

- (a) The undersigned registrant hereby undertakes:

(1) To file, during any period in which offers or sales are being made, a post-effective amendment to this Registration Statement:

- (i) To include any prospectus required by Section 10(a)(3) of the Securities Act of 1933;

(ii) To reflect in the prospectus any facts or events arising after the effective date of the Registration Statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in the Registration Statement. Notwithstanding the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the Commission pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than a 20% change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective Registration Statement;

(iii) To include any material information with respect to the plan of distribution not previously disclosed in the Registration Statement or any material change to such information in the Registration Statement;

provided, however, that paragraphs (a)(1)(i) and (a)(1)(ii) do not apply if the Registration Statement is on Form S-3 or Form S-8, and the information required to be included in a post-effective amendment by those paragraphs is contained in periodic reports filed by the Registrant pursuant to Section 13 or Section 15(d) of the Exchange Act that are incorporated by reference in the Registration Statement.

(2) That, for the purpose of determining any liability under the Securities Act of 1933, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

(3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.

(b) The undersigned registrant hereby undertakes that, for purposes of determining any liability under the Securities Act of 1933, each filing of the registrant's annual report pursuant to Section 13(a) or Section 15(d) of the Exchange Act (and, where applicable, each filing of an employee benefit plan's annual report pursuant to Section 15(d) of the Exchange Act) that is incorporated by reference in the Registration Statement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

(c) Insofar as indemnification for liabilities arising under the Securities Act of 1933 may be permitted to directors, officers and controlling persons of the registrant pursuant to the foregoing provisions, or otherwise, the registrant has been advised that in the opinion of the Commission such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the registrant of expenses incurred or paid by a director, officer or controlling person of the registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Securities Act of 1933 and will be governed by the final adjudication of such issue.

SIGNATURES

The Registrant. 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 Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Omaha, State of Nebraska, on this 25th day of April, 2001.

TRANSACTION SYSTEMS ARCHITECTS, INC.

By: /s/William E. Fisher

William E. Fisher, Chairman, Chief Executive Officer, and Director

POWER OF ATTORNEY

We, the undersigned officers and directors of Transaction Systems Architects, Inc., hereby severally and individually constitute and appoint William E. Fisher, Dwight G. Hanson and David P. Stokes, and each of them, the true and lawful attorneys and agents of each of us to execute in the name, place and stead of each of us (individually and in any capacity stated below) any and all amendments to this Registration Statement on Form S-8, and all instruments necessary or advisable in connection therewith, and to file the same with the Securities and Exchange Commission, each of said attorneys and agents to have power to act with or without the other and to have full power and authority to do and perform in the name and on behalf of each of the undersigned every act whatsoever necessary or advisable to be done in the premises as fully and to all intents and purposes as any of the undersigned might or could do in person, and we hereby ratify and confirm our signatures as they may be signed by our said attorneys and agents and each of them to any and all such amendments and other instruments.

Pursuant to the requirements of the Securities Act of 1933, this Registration Statement has been signed by the following persons in the capacities and on the date indicated.

Name -----	Title -----	Date -----
/s/ William E. Fisher ----- William E. Fisher	Chairman, Chief Executive Officer and Director	April 25, 2001
/s/ Dwight G. Hanson ----- Dwight G. Hanson	Chief Financial Officer and Senior Vice President	April 25, 2001
/s/ Edward C. Fuxa ----- Edward C. Fuxa	Controller	April 25, 2001
/s/ Charles E. Noell, III ----- Charles E. Noell, III	Director	April 25, 2001
/s/ Jim D. Kever ----- Jim D. Kever	Director	April 25, 2001
/s/ Larry G. Fendley ----- Larry G. Fendley	Director	April 25, 2001
/s/ Roger K. Alexander ----- Roger K. Alexander	Director	April 25, 2001
/s/ Gregory J. Duman ----- Gregory J. Duman	Director	April 25, 2001

EXHIBIT INDEX

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BAKER & MCKENZIE
Attorneys at Law

2300 Trammell Crow Center
2001 Ross Avenue
Dallas, Texas 75201

April 27, 2001

Board of Directors
Transaction Systems Architects, Inc.
224 South 108th Avenue
Omaha, Nebraska 68154

Re: Transaction Systems Architects, Inc. (the "Company")

Gentlemen:

The Company has filed with the Securities and Exchange Commission (the "Commission") a registration statement (the "Registration Statement") on Form S-8 under the Securities Act of 1933, as amended (the "Act"). The Registration Statement covers (a) 25,000 shares of Class A Common Stock, par value \$.005 per share, of the Company (the "Stock"), which shares shall be issued pursuant to the Company's 2000 Non-Employee Director Stock Option Plan (the "Plan"), and (b) such additional shares of Stock as may become issuable pursuant to the anti-dilution provisions of the Plan (such shares collectively referred to as the "Securities").

We have acted as counsel to the Company in connection with the preparation and filing of the Registration Statement. In rendering this opinion we have examined such corporate records, documents and instruments of the Company and such certificates of public officials, have received such representations from officers of the Company, and have reviewed such questions of law as in our judgment are necessary, relevant or appropriate to enable us to render the opinion expressed below. In such examination, we have assumed the genuineness of all signatures, the authenticity of all corporate records, documents and instruments submitted to us as originals, the conformity to original documents of all documents submitted to us as conformed, certified or photostatic copies thereof, and the authenticity of the originals of such conformed, certified or photostatic copies.

Based upon such examination and review and upon representations made to us by officers of the Company, we are of the opinion that upon issuance and delivery of the Securities in accordance with the applicable terms and conditions of the Plan and upon receipt by the Company of the full consideration for the Securities as determined pursuant to the Plan, the Securities will be legally issued, fully paid and nonassessable.

This firm consents to the filing of this opinion as an exhibit to the Registration Statement. In giving such consent, we do not admit that we come within the category of persons whose consent is required by Section 7 of the Act or the rules and regulations of the Commission thereunder.

Very truly yours,

/s/Baker & McKenzie

Consent of independent public accountants

As independent public accountants, we hereby consent to the incorporation by reference in this Registration Statement on Form S-8 of our report dated October 26, 2000, included in Transaction Systems Architects, Inc.'s Annual Report on Form 10-K for the fiscal year ended September 30, 2000, and to all references to our Firm included in this Registration Statement.

Arthur Andersen LLP

Omaha, Nebraska,
April 25, 2001