

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

FORM 8-A
Amendment No. 1

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

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

Delaware
(State of incorporation
or organization)

47-0772104
(I.R.S. Employer
Identification No.)

224 South 108th Avenue
Omaha, Nebraska
(Address of principal executive offices)

68154-2684
(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
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None

N/A

If this form relates to the registration of a class of securities pursuant to Section 12(b) of the Exchange Act and is effective pursuant to General Instruction A.(c), check the following box.

If this form relates to the registration of a class of securities pursuant to Section 12(g) of the Exchange Act and is effective pursuant to General Instruction A.(d), check the following box.

Securities Act registration statement file number to which this form relates (if applicable): N/A

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

Common Stock, \$.005 par value
(Title of class)

EXPLANATORY NOTE

This is Amendment No. 1 to the Form 8-A (File No. 000-25346) filed by the Registrant with the Securities and Exchange Commission (the "SEC") on January 9, 1995. This amendment is being filed to reflect the reclassification of the Registrant's Class A Common Stock as Common Stock. The reclassification was effected by an amendment to the Registrant's Amended and Restated Certificate of Incorporation, duly approved by the Registrant's Board of Directors and stockholders, as filed with the Secretary of State of Delaware on March 9, 2005. The reclassification changed the name of the Class A Common Stock to "Common Stock," but did not otherwise affect its rights, preferences or privileges.

Item 1. Description of Registrant's Securities to be Registered.

The description of the Registrant's Class A Common Stock, set forth under the caption "Description of Capital Stock - Common Stock" in the Registrant's Registration Statement on Form S-4 (File No. 333-56309) filed with the SEC on June 8, 1998, is incorporated herein by reference as the description of the Common Stock.

Item 2. Exhibits.

None .

SIGNATURE

Pursuant to the requirements of Section 12 of the Securities Exchange Act of 1934, the Registrant has duly caused this registration statement to be signed on its behalf by the undersigned, thereto duly authorized.

TRANSACTION SYSTEMS ARCHITECTS, INC.

Date: March 9, 2005

By: /s/ Dennis P. Byrnes

Dennis P. Byrnes
Senior Vice President,
General Counsel and Secretary