

DASSAULT SYSTEMES SA  
Form S-8 POS  
October 16, 2008

As filed with the Securities and Exchange Commission on October 16, 2008

Registration No. 333-148276

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

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

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DASSAULT SYSTÈMES  
(Exact name of Registrant as specified in its charter)

France  
(State or other jurisdiction of  
incorporation or organization)

Not Applicable  
(I.R.S. Employer  
Identification Number)

9, Quai Marcel Dassault, B.P. 310  
92150 Suresnes, France  
(33-1) 40-99-40-99  
(Address of Registrant's principal executive offices)

Dassault Systèmes 2006 Stock Options Plan  
(Full title of the plans)

Dassault Systèmes of America  
6320 Canoga Avenue  
Trillium East Tower  
Woodland Hills, CA 91367-2526  
(818) 999-2500  
(Name, address and telephone number of agent for service)

Copies to:  
Sami Toutounji  
Shearman & Sterling LLP  
114, avenue des Champs-Élysées  
75008 Paris, France  
(33-1) 53.89.70.00

Indicate by check mark whether the Registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of "large accelerated filer," "accelerated filer" and "smaller reporting

company” in Rule 12b-2 of the Exchange Act.

Large accelerated  
filer

Accelerated filer

Non-accelerated  
filer

(Do not check if a smaller reporting  
company)  Smaller reporting  
company

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DEREGISTRATION OF SECURITIES

This Post-Effective Amendment No. 1 to Registration Statement on Form S-8, Registration No. 333-148276 (the “Registration Statement”) is being filed to deregister certain ordinary shares, nominal value €1 per share (the “Shares”), of Dassault Systèmes S.A. (the “Registrant”) that were registered for issuance pursuant to the Dassault Systèmes 2006 Stock Options Plan (the “Plan”). The Registration Statement registered 648,700 Shares issuable pursuant to the Plan.

On October 16, 2008, the Registrant filed a Form 15F with the Securities and Exchange Commission to effect the deregistration of its Shares. In accordance with the undertaking made by the Registrant in the Registration Statement to remove from registration, by means of a post-effective amendment, any of the Shares registered under the Registration Statement that remain unsold at the termination of the offering, the Registrant hereby removes from registration the Shares registered but unsold under the Registration Statement.

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SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, as amended, the registrant, Dassault Systèmes S.A., a corporation organized and existing under the laws of France, 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 Post-Effective Amendment No. 1 to its Registration Statement on Form S-8 to be signed on its behalf by the undersigned, thereunto duly authorized, in the city of Suresnes, France, on the 16th day of October, 2008.

DASSAULT SYSTÈMES S.A.

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|--------|--|
| By:    | /s/ Thibault de Tersant                |
| Name:  | Thibault de Tersant                    |
| Title: | Senior EVP and Chief Financial Officer |