September 9, 1999

Ms. Cynthia L. Fuller
c/o American Bankers Association
1120 Connecticut Ave., N.W.
Washington, D.C. 20036

Dear Ms. Fuller:

This letter is written to inform X9 of IBM's patent licensing practices as related to standardization activities. It is the belief of IBM that the IBM patent listed in Attachment A is relevant to the current ANSI draft standard X9.63 (Public Key Cryptography for the Financial Services Industry: Key Agreement and Key Transport Using Elliptic Curve Cryptography).

In the event the proposed standard is adopted, and the standard can not be practiced without the use of the aforementioned patent, IBM agrees upon request to grant a non-exclusive license under this patent on a nondiscriminatory basis and on reasonable terms and conditions including its then current royalty rates and provided a similar grant under licensee's patents within the scope of the license granted to licensee is made available upon request to IBM. Should other IBM patents be required to implement this standard, they will be licensed under the same non-discriminatory, reasonable terms and conditions basis.

Any requests for license information may be directed to:

Gerald Rosenthal
Director of Licensing
International Business Machines Corporation
North Castle Drive
Armonk, NY 10504

Internet ID: jerry@us.ibm.com
Telephone: 914-765-4500
Fax: 914-765-4410

IBM is pleased to make this offer in support of the standardization activities in X9. If you have any questions, please let me know.

Sincerely,

Allen Roginsky
Allen Roginsky
for IBM Corporation