



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

Mail Stop 3720

November 18, 2009

Rene Schena  
Chairman and Chief Executive Officer  
Arrayit Corporation  
524 East Weddell Drive  
Sunnyvale, CA 94089

**Re: Arrayit Corporation**  
**Definitive Information Statement on Schedule 14C**  
**Filed November 18, 2009**  
**File No. 001-16381**

Dear Ms. Schena:

We have completed our review of your filing and have no further comments at this time.

Sincerely,

/s Kathleen Krebs, for  
Larry Spigel  
Assistant Director

cc: Sonfield & Sonfield  
Via facsimile to (713) 877-1547