Via Facsimile and U.S. Mail Mail Stop 4720

September 21, 2009

Les M. Taeger Senior Vice President and Chief Financial Officer OrthoLogic Corp. 1275 West Washington Street, Suite 101 Tempe, AZ 85281

Re: OrthoLogic Corp.

Form 10-K for Fiscal Year Ended December 31, 2008

File Number: 001-33560

Dear Mr. Taeger,

We have completed our review of your Form 10-K and related filings and have no further comments at this time.

Sincerely,

Carlton E. Tartar Accounting Branch Chief