

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
OCTOBER 4, 2012**

**ORDER GRANTING CONFIDENTIAL TREATMENT
UNDER THE SECURITIES EXCHANGE ACT OF 1934**

Zeltiq Aesthetics, Inc.

File No. 1-35318 - CF#28429

Zeltiq Aesthetics, Inc. submitted an application under Rule 24b-2 requesting confidential treatment for information it excluded from the Exhibits to a Form 10-Q filed on May 11, 2012.

Based on representations by Zeltiq Aesthetics, Inc. that this information qualifies as confidential commercial or financial information under the Freedom of Information Act, 5 U.S.C. 552(b)(4), the Division of Corporation Finance has determined not to publicly disclose it. Accordingly, excluded information from the following exhibit will not be released to the public for the time period specified:

Exhibit 10.4 through May 10, 2017

For the Commission, by the Division of Corporation Finance, pursuant to delegated authority:

Daniel Morris
Special Counsel