

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
March 22, 2016**

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

Masimo Corporation

File No. 001-33642 - CF#33454

Masimo Corporation submitted an application under Rule 24b-2 requesting a grant of confidential treatment for information it excluded from the Exhibits to a Form 10-K filed on February 24, 2016.

Based on representations by Masimo Corporation 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(s) will not be released to the public for the time period(s) specified:

Exhibit 10.44 through November 16, 2020

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

Brent J. Fields
Secretary