

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**

July 6, 2009

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

Masimo Corporation

File No. 1-33642 - CF#23599

Masimo Corporation submitted an application under Rule 24b-2 requesting confidential treatment for information it excluded from Exhibits to a Form 10-Q filed on May 6, 2009.

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 exhibits will not be released to the public for the time periods specified:

Exhibit 10.30	through February 28, 2011
Exhibit 10.32	through May 31, 2012

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

Daniel Morris
Special Counsel