

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
February 19, 2010**

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

Bovie Medical Corporation

File No. 1-31885 - CF#24147

Bovie Medical Corporation submitted an application under Rule 24b-2 requesting confidential treatment for information it excluded from the Exhibits to a Form 10-K filed on March 16, 2009, as amended.

Based on representations by Bovie Medical 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 10.12	through January 1, 2016
Exhibit 10.13	through January 1, 2016
Exhibit 10.14	through January 1, 2016
Exhibit 10.16	through December 6, 2013

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

Daniel Morris
Special Counsel