

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
May 22, 2013**

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

**Mazor Robotics Ltd.**

**File No. 1-35920 - CF#29422**

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Mazor Robotics Ltd. submitted an application under Rule 24b-2 requesting confidential treatment for information it excluded from the Exhibits to a Form 20-F filed on May 10, 2013.

Based on representations by Mazor Robotics Ltd. 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 4.9	through January 18, 2015
Exhibit 4.11	through January 10, 2015

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

Daniel Morris  
Special Counsel