

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**

DECEMBER 16, 2008

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

Ibis Technology Corporation

File No. 0-23150 - CF# 22803

Ibis Technology Corporation submitted an application under Rule 24b-2 requesting confidential treatment for information it excluded from the Exhibits to a Form 8-K filed on November 5, 2008.

Based on representations by Ibis Technology 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 10.1	through November 5, 2011
Exhibit 10.2	through November 5, 2011

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

Timothy S. Levenberg
Special Counsel