

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
July 23, 2008

ORDER GRANTING CONFIDENTIAL TREATMENT
UNDER THE SECURITIES ACT OF 1933

GT Solar International, Inc.
File No. 333-142383 - CF#20321

GT Solar International, Inc. submitted an application under Rule 406 requesting confidential treatment for information it excluded from an Exhibit to a Form S-1 registration statement filed on April 26, 2007.

Based on representations by GT Solar International, Inc. 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 10.18 until June 5, 2017

For the Commission:

Perry Hindin
Special Counsel