

**United States Court of Appeals
for the Federal Circuit**

May 31, 2019

ERRATA

Appeal No. 2018-1105

**TRADING TECHNOLOGIES INTERNATIONAL,
INC.,**
Appellant

v.

IBG LLC, INTERACTIVE BROKERS LLC,
Appellees

UNITED STATES,
Intervenor

Appeal No. 2018-1302

**TRADING TECHNOLOGIES INTERNATIONAL,
INC.,**
Appellant

v.

IBG LLC, INTERACTIVE BROKERS LLC,
Appellees

UNITED STATES,
Intervenor

Appeal No. 2018-1438

**TRADING TECHNOLOGIES INTERNATIONAL,
INC.,**
Appellant

v.

IBG LLC, INTERACTIVE BROKERS LLC,
Appellees

UNITED STATES,
Intervenor

Appeal No. 2018-1443

**TRADING TECHNOLOGIES INTERNATIONAL,
INC.,**
Appellant

v.

**UNITED STATES, ANDREI IANCU, UNDER
SECRETARY OF COMMERCE FOR
INTELLECTUAL PROPERTY AND DIRECTOR OF
THE UNITED STATES PATENT AND TRADEMARK
OFFICE,**
Intervenors

Decided: May 21, 2019
Nonprecedential Opinion

Please make the following changes:

Page 4, Line 9, add --WILLIAM LA MARCA,-- after “THOMAS W. KRAUSE”.