

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

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May 31, 2019

**ERRATA**

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Appeal No. 2018-1105

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

v.

**IBG LLC, INTERACTIVE BROKERS LLC,**  
*Appellees*

**UNITED STATES,**  
*Intervenor*

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Appeal No. 2018-1302

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

v.

**IBG LLC, INTERACTIVE BROKERS LLC,**  
*Appellees*

**UNITED STATES,**  
*Intervenor*

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Appeal No. 2018-1438

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

**v.**

**IBG LLC, INTERACTIVE BROKERS LLC,**  
*Appellees*

**UNITED STATES,**  
*Intervenor*

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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Nonprecedential Opinion

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Please make the following changes:

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