# FORM 4

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. *See* Instruction 1(b).

UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

OMB APPROVAL

OMB Number: 3235-0287
Estimated average burden hours per response: 0.5

| 1. Name and Address of Reporting Person * | 2. Issuer Name and Ticker or Trading Symbol | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) |
|---|---|---|
| Nemser Earl H<br>(Last) (First) (Middle)<br>One Pickwick Plaza<br>(Street)<br>Greenwich CT 06830<br>(City) (State) (Zip) | Interactive Brokers Group, Inc. [IBKR]<br>3. Date of Earliest Transaction (Month/Day/Year)<br>08/08/2017<br>4. If Amendment, Date of Original Filed (Month/Day/Year) | X Director 10% Owner<br>X Officer Other<br>(give title below) (specify below)<br>Vice Chairman<br>6. Individual or Joint/Group Filing (Check Applicable Line)<br>X Form filed by One Reporting Person<br>Form filed by More than One Reporting Person |

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

| 1.Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) | | 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5) | | | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Code | V | Amount | (A) or (D) | Price | | | |
| Class A common stock | 08/08/2017 | | S | | 833[1] | D | $40.39[4] | 45,903[2] | I | By IBG Holdings LLC |
| Class A common stock | 08/09/2017 | | S | | 841[1] | D | $40.24[5] | 45,062[2] | I | By IBG Holdings LLC |
| Class A common stock | | | | | | | | 96,585 | D[3] | |

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/ Day/ Year) | 3A. Deemed Execution Date, if any (Month/ Day /Year) | 4. Transaction Code (Instr. 8) | | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | | 6. Date Exercisable and Expiration Date (Month/ Day /Year) | | 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4) | | 8. Price of Derivative Security (Instr. 5) | 9. Number of Derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | 10. Ownership Form of Derivative Security: Direct(D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | Code | V | (A) | (D) | Date Exercisable | Expiration Date (Month/ Day/ Year) | Title | Amount or Number of Shares | | | | |

Explanation of Responses:

1. The sales reported on this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by IBG Holdings LLC, in which the reporting person has a pecuniary interest through his membership interest in IBG Holdings LLC, that went into effect August 2, 2017.
2. Represents number of securities owned by IBG Holdings LLC in which the Reporting Person has a pecuniary interest through his membership interest in IBG Holdings LLC.
3. These shares of Class A common stock are owned directly by the reporting person and represent the aggregate number of shares of restricted stock from awards granted under the 2007 Stock Incentive Plan since its inception, less vested shares that were withheld for tax purposes, or sold previously.
4. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from $40.20 to $40.72, inclusive. The reporting person undertakes to provide Interactive Brokers Group, Inc. (the "Company"), any security holder of the Company, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each price within the ranges set forth in footnotes (4) - (5) to this Form 4.
5. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from $40.00 to $40.60, inclusive.

/s/ Xiaoyan (Clare) Zheng as authorized signatory for Earl H. Nemser — 08/10/2017

** Signature of Reporting Person — Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* If the form is filed by more than one reporting person, *see* Instruction 4(b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.