UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 8-K

CURRENT REPORT Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of report (date of earliest event reported): November 28, 2022

LENNOX INTERNATIONAL INC.

(Exact name of registrant as specified in its charter)

Delaware (State or other jurisdiction of incorporation) 001-15149 (Commission File Number) 42-0991521 (IRS Employer Identification No.)

2140 Lake Park Blvd. Richardson, Texas 75080

(Address of principal executive offices, including zip code)

Registrant's telephone number, including area code: (972) 497-5000

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (*see* General Instruction A.2. below):

□ Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

□ Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

□ Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Securities registered pursuant to Section 12(b) of the Act:

| Title of Each Class | Trading Symbol(s) | Name of Each Exchange on Which Registered |
|--|----------------------|--|
| Common Stock, par value \$0.01 per share | LII | New York Stock Exchange |

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company \Box

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. \Box

Item 5.02 Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers.

On November 28, 2022, Max H. Mitchell, President and Chief Executive Officer of Crane Co., notified Lennox International Inc. (the "Company") of his decision to resign from the Board of Directors of the Company, effective immediately. This decision was due to the substantial demands and increased time commitment required for his service in connection with the planned separation of Crane Holdings, Co. into two publicly-traded companies. Mr. Mitchell's resignation was not the result of any disagreement with the Company on any matter relating to the Company's operations, policies, or practices.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Date: December 2, 2022

LENNOX INTERNATIONAL INC.

By: /s/ John D. Torres

Name: John D. Torres Title: Executive Vice President, Chief Legal Officer and Secretary