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

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**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): August 21, 2007

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**ILLINOIS TOOL WORKS INC.**

(Exact name of registrant as specified in its charter)

<u>Delaware</u> (State or other jurisdiction of incorporation)	<u>1-4797</u> (Commission File No.)	<u>36-1258310</u> (I.R.S. Employer Identification No.)
<u>3600 West Lake Avenue, Glenview, IL</u> (Address of principal executive offices)		<u>60026-1215</u> (Zip Code)

Registrant's telephone number, including area code: 847-724-7500

Not Applicable  
(Former name or former address, if changed since last report.)

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:

- |     |  |
|-----|--|
| [ ] | 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)) |

#### Item 8.01. Other Events

On August 21, 2007, Illinois Tool Works Inc. (the "Company") announced that its Board of Directors approved a new share repurchase program which authorizes management to buy back up to \$3 billion of the Company's common stock over an open ended period. The full authorization represents approximately 55 million shares based on the Company's closing share price on August 20, 2007.

#### Item 9.01. Financial Statements and Exhibits

##### (d) Exhibits

<u>Exhibit Number</u>	<u>Exhibit Description</u>
99.1	Press Release issued by Illinois Tool Works Inc. dated August 21, 2007 (furnished pursuant to Item 8.01).

## **SIGNATURES**

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

ILLINOIS TOOL WORKS INC.

Dated: August 21, 2007

By: /s/ Ronald D. Kropp  
Ronald D. Kropp  
Senior Vice President and Chief Financial Officer  
(Principal Accounting Officer)