

SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

POST-EFFECTIVE AMENDMENT No. 1
TO
FORM S-8
REGISTRATION STATEMENT
UNDER
THE SECURITIES ACT OF 1933

Honeywell International Inc.
(Exact Name of Registrant as Specified in Its Charter)

Delaware (State or Other Jurisdiction of Incorporation or Organization)	22-2640650 (I.R.S. Employer Identification Number)
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P.O. Box 4000
Morristown, NJ 07962-2497

(Address of Registrant's Principal Executive Offices)

Data Instruments, Inc. Employee Stock Ownership Plan and Trust
(Full Title of the Plan)

Thomas F. Larkins
Vice President, Corporate Secretary and Deputy General Counsel
Honeywell International Inc.
101 Columbia Road
Morris Township, New Jersey 07962-2497
(973) 455-2000

(Name, Address, and Telephone Number, Including Area Code, of Agent for Service)

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On March 29, 2001, the Registrant filed with the Securities and Exchange Commission a Registration Statement on Form S-8 (Registration Statement 333-57866) (the "Form S-8") registering 22,000 shares of the Registrant's common stock, par value \$1.00 per share (the "Shares"), as well as plan interests, to be issued to participants under the Data Instruments, Inc. Employee Stock Ownership Plan and Trust (the "Plan").

We are deregistering the Shares, and the plan interests, because on June 3, 2003, the Plan was merged into the Honeywell Savings and Ownership Plan I (Registration Statement No. 333-57870). As of the date of the merger, the Registrant estimates that approximately 5,355 of the Shares registered in connection with the Plan were remaining unsold. This Post-Effective Amendment No. 1 to Registration Statement No. 333-57866 is being filed in order to deregister all Shares and the plan interests that were registered under the Form S-8 and remain unsold under the Plan. No plan interests for the Plan nor rights to acquire common stock of the Registrant pursuant to the Plan are outstanding as of the date hereof.

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, the registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has duly caused this Post-Effective Amendment No. 1 to the Registration Statement on Form S-8 (Registration No. 333-57866) to be signed on its behalf by the undersigned, thereunto duly authorized, in the Township of Morris, State of New Jersey, on June 28, 2004.

HONEYWELL INTERNATIONAL INC.

By: /s/ David J. Anderson

Name: David J. Anderson
Title: Senior Vice President and
Chief Financial Officer

Pursuant to the requirements of the Securities Act of 1933, this Post-Effective Amendment No. 1 to Registration Statement on Form S-8 (No. 333-57866) has been signed by the following persons in the capacities and on the 28th of June, 2004.

Name -----	Title -----
* ----- David M. Cote	Chairman and Chief Executive Officer and Director (Principal Executive Officer)
* ----- Hans W. Becherer	Director
* ----- Gordon M. Bethune	Director
* ----- Marshall N. Carter	Director
* ----- Jamie Chico Pardo	Director
* ----- Clive R. Hollick	Director
* ----- James J. Howard	Director
* ----- Bruce Karatz	Director
* ----- Russell E. Palmer	Director

Name -----	Title -----
* ----- Ivan G. Seidenberg	Director
* ----- Eric K. Shinseki	Director
* ----- John R. Stafford	Director
* ----- Michael W. Wright	Director
/s/ David J. Anderson ----- David J. Anderson	Senior Vice President and Chief Financial Officer (Principal Financial Officer)
/s/ Thomas A. Szlosek ----- Thomas A. Szlosek	Vice President and Controller (Principal Accounting Officer)
* By: /s/ Thomas F. Larkins ----- Thomas F. Larkins, Attorney-in-Fact	

The Plan. Pursuant to the requirements of the Securities Act of 1933, the Plan administrator has duly caused this Post-Effective Amendment No. 1 to the Registration Statement on Form S-8 (No. 333-57866) to be signed on its behalf by the undersigned, thereunto duly authorized, in the Township of Morris, State of New Jersey, on the 28th day of June, 2004.

Honeywell Savings and Ownership Plan I,
as successor to the Data Instruments, Inc.
Employee Stock Ownership Plan and Trust

By: /s/ Thomas W. Weidenkopf

Name: Thomas W. Weidenkopf
Title: Senior Vice President Human Resources and
Communications

EXHIBIT INDEX

Exhibit Number	Exhibit
----- 24	----- Power of Attorney of certain officers and directors of the Registrant*

* Previously filed as Exhibit 24 to the Registrant's Annual Report on Form 10-K,
filed with the Securities and Exchange Commission on March 4, 2004 (File No.
001-08974).