

MASSMUTUAL PARTICIPATION INVESTORS

Form N-PX

August 27, 2007

SECURITIES AND EXCHANGE COMMISSION  
Washington, DC 20549

FORM N-PX

ANNUAL REPORT OF PROXY VOTING RECORD OF REGISTERED MANAGEMENT  
INVESTMENT COMPANY

Investment Company Act file number 811-05531

MassMutual Participation Investors  
(Exact name of registrant as specified in charter)

1500 Main Street  
Suite 1100  
Springfield, MA 01115  
(Address of principal executive offices) (Zip code)

Rodney J. Dillman, Vice President and Secretary  
1500 Main Street, Suite 2800, Springfield, MA 01115

(name and address of agent for service)

Registrant's telephone number,  
including area code: 413-226-1000

Date of fiscal year end: December 31

Date of reporting period: July 1, 2006 - June 30, 2007

ITEM 1. PROXY VOTING RECORD

DIRECTED ELECTRONICS, INC.

Ticker: DEIX Security ID: 254575103  
Meeting Date: JUN 8, 2007 Meeting Type: Annual  
Record Date: APR 20, 2007

#	Proposal	Mgt Rec	Vote Cast	Sponsor
1.1	Elect Director Victor J. Orler	For	For	Management
1.2	Elect Director S. James Spierer	For	For	Management
2.	Amend Omnibus Stock Plan	For	For	Management
3.	Ratify Auditors	For	For	Management

SIGNATURES

[See General Instruction F]

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Pursuant to the requirements of the Investment Company Act of 1940, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

(Registrant) MassMutual Participation Investors

By (Signature and Title)\* /s/ Clifford M. Noreen

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Clifford M. Noreen, President

Date: August 27, 2007

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\* Print the name and title of each signing officer under his or her signature.