

SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549

SCHEDULE TO/A
TENDER OFFER STATEMENT UNDER SECTION 14(d)(1)
OR SECTION 13(e)(1) OF THE SECURITIES EXCHANGE ACT OF 1934
AMENDMENT NO. 3

MICROTOUCH SYSTEMS, INC.
(Name of subject company (issuer))

EQUINOX ACQUISITION, INC.
MINNESOTA MINING AND MANUFACTURING COMPANY
(Names of filing persons (offerors))

COMMON STOCK, PAR VALUE \$0.01 PER SHARE
Including the Associated Preferred Stock Purchase Rights
(Title of Class of Securities)

595145 103
(CUSIP Number of Class of Securities)

Gregg M. Larson, Esq.
Assistant General Counsel,
Assistant Secretary
Minnesota Mining and Manufacturing Company
3M Center
St. Paul, Minnesota 55144
(651) 733-2204
(Name, address and telephone number of person
authorized to receive notices and
communications on behalf of filing persons)

COPIES TO:
John T. Kramer, Esq.
Dorsey & Whitney LLP
220 South Sixth Street
Minneapolis, Minnesota 55402
Telephone: (612) 340-2600

CALCULATION OF FILING FEE

TRANSACTION VALUATION*	AMOUNT OF FILING FEE**
\$173,193,489.00	\$34,638.70

* For purposes of calculating the filing fee only, this calculation assumes the purchase of 8,247,309 shares of common stock of MicroTouch Systems, Inc., including the associated preferred stock purchase rights (together, the "Shares") at the tender offer price of \$21.00 per Share. The Shares include both 6,491,823 outstanding shares of common stock and 1,755,486 outstanding options.

** The amount of the filing fee, calculated in accordance with Rule 0-11 of the Securities Exchange Act of 1934, as amended, equals 1/50 of 1% of the transaction valuation.

[X] Check the box if any part of the fee is offset as provided by Rule 0-11(a)(2) and identify the filing with which the offsetting fee was previously paid. Identify the previous filing by registration statement number or the form or schedule and the date of its filing.
Amount Previously Paid: \$34,638.70 Filing Party: Equinox Acquisition, Inc. and Minnesota Mining and Manufacturing Company
Form or Registration No: Schedule TO Date Filed: November 17, 2000

[] Check the box if the filing relates to preliminary communications made before the commencement of a tender offer.

[] Check the appropriate boxes below to designate any transactions to which the statement relates:

- [X] third-party tender offer subject to Rule 14d-1.
- [] issuer tender offer subject to Rule 13e-4.
- [] going-private transaction subject to Rule 13e-3.
- [] amendment to Schedule 13d under Rule 13d-2.

Check the following box if the filing is a final amendment reporting the results of the tender offer: []

This Amendment No. 3 amends and supplements the Tender Offer Statement on Schedule TO (as amended and supplemented, the "Schedule TO") filed with the Securities and Exchange Commission on November 17, 2000 by Equinox Acquisition, Inc., a Massachusetts corporation (the "Purchaser") and a wholly owned subsidiary of Minnesota Mining and Manufacturing Company, a Delaware corporation ("Parent"). The Schedule TO relates to the offer by the Purchaser to purchase all the outstanding shares of common stock, par value \$0.01 per share (the "Common Stock"), of MicroTouch Systems, Inc., a Massachusetts corporation (the "Company"), including the associated preferred stock purchase rights (the "Rights"), issued pursuant to the Rights Agreement, dated as of January 19, 1996, between the Company and The First National Bank of Boston, as Rights Agent (the Common Stock and the Rights together are referred to herein as the "Shares") at a purchase price of \$21.00 per Share, net to the seller in cash, without interest thereon, upon the terms and subject to the conditions set forth in the Offer to Purchase dated November 17, 2000 (the "Offer to Purchase"), and in the related Letter of Transmittal, copies of which are filed with this Schedule TO as Exhibits (a)(1)(A) and (a)(1)(B), respectively. This Amendment No. 3 to Schedule TO is being filed on behalf of the Purchaser and Parent.

ITEM 11. ADDITIONAL INFORMATION.

Item 11 is hereby amended and supplemented by the following:

On December 26, 2000, Parent issued a press release announcing that it will provide a five-business day subsequent offering period, a copy of which is attached hereto as Exhibit (a)(1)(J) and is incorporated hereby by reference.

ITEM 12. EXHIBITS.

Exhibit Number	Description
- - - - -	- - - - -
* (a) (1) (A)	-- Offer to Purchase dated November 17, 2000.
* (a) (1) (B)	-- Letter of Transmittal.
* (a) (1) (C)	-- Notice of Guaranteed Delivery.
* (a) (1) (D)	-- Letter to Brokers, Dealers, Banks, Trust Companies and Other Nominees.
* (a) (1) (E)	-- Letter to Clients for use by Brokers, Dealers, Banks, Trust Companies and Other Nominees.
* (a) (1) (F)	-- Guidelines for Certification of Taxpayer Identification Number on Substitute Form W-9.
* (a) (1) (G)	-- Press Release issued by Parent on November 13, 2000 and Press Release issued by the Company on November 13, 2000.
* (a) (1) (H)	-- Summary Advertisement published November 17, 2000.
* (a) (1) (I)	-- Press Release issued by Parent on December 7, 2000.
(a) (1) (J)	-- Press Release issued by Parent on December 26, 2000.
* (d) (1)	-- Agreement and Plan of Merger, dated as of November 13, 2000, among Parent, the Purchaser and the Company.
* (d) (2)	-- Shareholders Agreement, dated November 13, 2000, among Parent, the Purchaser and certain officers and directors of the Company.
* (d) (3)	-- Stock Option Agreement, dated November 13, 2000, between Parent and the Company.
- - - - -	
*Previously filed	

SIGNATURES

After due inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

EQUINOX ACQUISITION, INC.

By: /s/ J.L. Yeomans

 Name: J.L. Yeomans
 Title: Treasurer

MINNESOTA MINING AND MANUFACTURING COMPANY

By: /s/ J.L. Yeomans

 Name: J.L. Yeomans
 Title: Vice President and Treasurer

INDEX TO EXHIBITS

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* (a) (1) (F)	Guidelines for Certification of Taxpayer Identification Number on Substitute Form W-9.
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* (a) (1) (I)	Press Release issued by Parent on December 7, 2000.
(a) (1) (J)	Press Release issued by Parent on December 26, 2000.
* (b)	Not applicable.
* (d) (1)	Agreement and Plan of Merger, dated as of November 13, 2000, among Parent, the Purchaser and the Company.
* (d) (2)	Shareholders Agreement, dated November 13, 2000, among Parent, the Purchaser and certain officers and directors of the Company.
* (d) (3)	Stock Option Agreement, dated November 13, 2000, between Parent and the Company.
* (g)	Not applicable.
* (h)	Not applicable.

*Previously filed	

Ex-99. (A) (1) (J)

FOR IMMEDIATE RELEASE

MEDIA CONTACT: MARY C. AUVIN, 3M
(651) 736-2597

3M ANNOUNCES SUBSEQUENT OFFERING PERIOD IN MICROTOUCH TENDER OFFER

SAINT PAUL, Minnesota - December 26, 2000 - Minnesota Mining and Manufacturing Company (NYSE: MMM) and its wholly owned subsidiary, Equinox Acquisition, Inc., today announced that they have elected to provide a subsequent offering period in connection with their tender offer for shares of MicroTouch Systems, Inc. (NASDAQ: MTSI). The initial offering period is scheduled to expire at 12:00 midnight, New York City time, on Wednesday, January 3, 2001. The subsequent offering period will begin on the next business day following the expiration of the initial offering period and will expire at 12:00 midnight, New York City time, on the fifth business day following the expiration of the initial offering period.

Certain options held by MicroTouch employees will not vest until the expiration of the initial offering period. The subsequent offering period is intended primarily to provide an opportunity for these optionholders to tender their shares upon exercise of such options, and thus avoid waiting until the closing of the back-end merger (expected to occur in early February) to receive the cash value of their options.

As previously announced, 3M has received early termination of the waiting period under the Hart-Scott-Rodino Antitrust Improvements Act of 1976 relating to its proposed acquisition of MicroTouch Systems, Inc.

The statements contained in this press release that are not purely historical are forward-looking statements including statements regarding the Company's expectations, beliefs, hopes, intentions or strategies regarding the future. All forward-looking statements included in this press release are based upon information available to the Company as of the date hereof, and the Company assumes no obligation to update any such forward-looking statement.

FROM:
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