

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. 1

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:....\$173,193,489.00

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. 1 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. 1 to Schedule TO is being filed on behalf of the Purchaser and Parent.

ITEM 11. ADDITIONAL INFORMATION.

The following paragraph is added immediately before the sub-heading "Registration Rights" on page 34 of the Offer to Purchase:

Current SEC rules prohibit Parent, Purchaser or any of their affiliates from directly or indirectly purchasing or arranging to purchase any Common Stock of the Company except as part of the tender offer. This prohibition applies until the tender offer expires. Parent does not intend to exercise the Option at a time that would cause Parent to fail to comply with the aforementioned prohibition.

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.   |
| * (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.  |

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\*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

Dated: November 30, 2000

INDEX TO EXHIBITS

| Exhibit<br>Number | Document  |
|-------------------|---|
| - -----           | - -----   |
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| * (a) (1) (H)     | Summary Advertisement published November 17, 2000.  |
| * (b)             | Not applicable.   |
| * (d) (1)         | Agreement and Plan of Merger, dated as of November 13, 2000, among Parent, the Purchaser and the Company.                       |
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| * (g)             | Not applicable.   |
| * (h)             | Not applicable.   |
| - -----           |   |
| *Previously filed |   |