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United States Patent [19]

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Wai

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[54] **METHOD AND APPARATUS FOR PILE DRIVING**

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[76] Inventor: **Yee Kong Wai**, 18-3A, Jalan Pandan 3/7, Pandan Jaya, Kuala Lumpur, Malaysia, 55100

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[21] Appl. No.: **09/153,549**

Primary Examiner—Max Noori
Attorney, Agent, or Firm—Merchant & Gould P.C.

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[30] **Foreign Application Priority Data**

Sep. 15, 1997 [MY] Malaysia PI9704268

[57] **ABSTRACT**

[51] **Int. Cl.**⁷ **G01N 3/30**

A method and apparatus for estimating the load-bearing of a pile comprising (a) constructing a scaled-down model pile apparatus which has been reduced to a size that may be accommodated within an indoors facility according to a calculated scaled-down ratio; (b) subjecting said model pile apparatus to impact load tests to obtain dynamic measurements; and (c) correlating the dynamic measurements from said tests to said pile.

[52] **U.S. Cl.** **73/12.13**; 73/12.01

[58] **Field of Search** 73/12.01, 12.06, 73/12.09, 12.13

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20 Claims, 5 Drawing Sheets

