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(71) Applicant: **MICROVENA CORPORATION** [US/US];
1861 Buerkle Road, White Bear Lake, MN 55110-5246
(US).

(72) Inventor: **PETERSON, Francis**; 1010 County Road E,
Spooner, WI 54801 (US).

(74) Agents: **POPOVICH, Thomas** et al.; Popovich & Wiles,
P.A., 1902 IDS Center, 80 South Eighth Street, Minneapo-
lis, MN 55402 (US).

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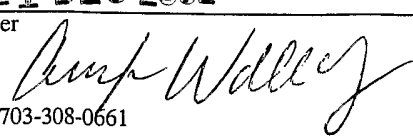
(54) Title: A METHOD OF TRAINING NITINOL WIRE

(57) Abstract: A method of coating a pre-formed trainable material, such as nitinol wire, with a heat resistant substance, heat treating, and cooling to form a desired shape. The substance can be removed by various methods after heat treatment, depending upon the composition of the substance. The method includes forming a trainable material around a mold that dissolves, vaporizes, or can otherwise be removed. The method is useful for forming complicated shapes that would be expensive or impossible to form by conventional methods.

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : C21D 10/00 US CL : 148/563; 606/213 According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S. : 148/563; 606/213 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Please See Continuation Sheet		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5,607,756 A (YAMAUCHI et al) 04 March 1997 (04.03.1997), column 4, lines 1-29)	1-65
Y	US 5,944,738 A (AMPLATZ et al) 31 August 1999 (31.08.1999), col. 3, lines 19-42; col. 4, lines 48-60; col. 6, lines 34-60; and col. 7, lines 32-59.	1-65
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