The United States of America

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Has received an application for a patent for a new and useful invention. The title and description of the invention are enclosed. The requirements of law have been complied with, and it has been determined that a patent on the invention shall be granted under the law.

Therefore, this

United States Patent

Grants to the person(s) having title to this patent the right to exclude others from making, using, offering for sale, or selling the invention throughout the United States of America or importing the invention into the United States of America, and if the invention is a process, of the right to exclude others from using, offering for sale or selling throughout the United States of America, or importing into the United States of America, products made by that process, for the term set forth in 35 U.S.C. 154(a)(2) or (c)(1), subject to the payment of maintenance fees as provided by 35 U.S.C. 41(b). See the Maintenance Fee Notice on the inside of the cover.

Michelle K. Lee

Deputy Director of the United States Patent and Trademark Office



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(12) United States Patent

Isom

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(54)	NECK EXERCISE MACHINE FOR STANDING
	USE

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(US)

(*) Notice: Subject to any disclaimer, the term of this

patent is extended or adjusted under 35

U.S.C. 154(b) by 145 days.

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- (58) Field of Classification Search
 USPC 482/10, 92–94, 97–101, 133–137, 139,
 482/142

See application file for complete search history.

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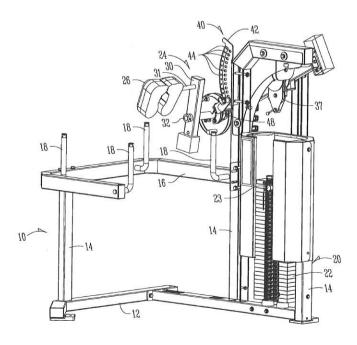
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(57) ABSTRACT

A neck exercise machine is provided for standing use. The machine has a head pad which can be vertically adjusted to accommodate different user heights. The head pad is mounted on an arm, which is pivotally connected to the machine frame for movement about a first horizontal axis, so that the arm and head pad can be raised and lowered, and then locked in place for use. The head pad is connected to a cam for rotation about a second horizontal axis in use, with selected resistance.

21 Claims, 11 Drawing Sheets



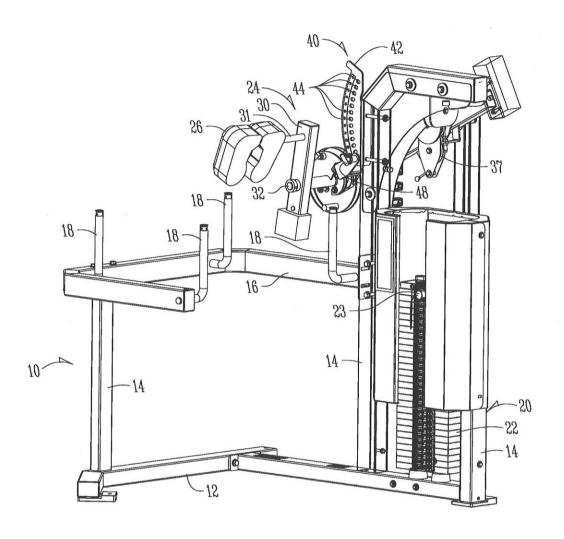


Fig. 1