

EXHIBIT 1



(12) **United States Patent**
Hardt

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(54) **GRADUATED AUTHENTICATION IN AN IDENTITY MANAGEMENT SYSTEM**

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See application file for complete search history.

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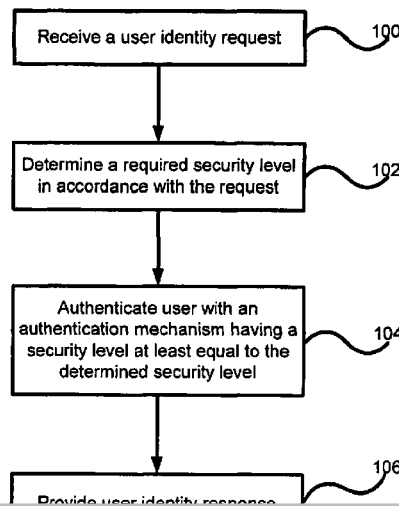
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(57) **ABSTRACT**

A method and system for graduated security in an identity management system utilize differing levels of time sensitivity, channel security and authentication security to provide a multi-dimensional approach to providing the right fit for differing identity requests. The differing levels of security can be selected by user preference, membersite request or homesite policy.

20 Claims, 8 Drawing Sheets



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continuation of application No. 14/622,722, filed on Feb. 13, 2015, now Pat. No. 9,398,020, which is a continuation of application No. 14/015,813, filed on Aug. 30, 2013, now Pat. No. 8,959,652, which is a continuation of application No. 11/039,885, filed on Jan. 24, 2005, now Pat. No. 8,527,752.

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