States America

The Director of the United States Patent and Trademark Office

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

Biedermann

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(54) INDIVIDUAL ASSESSMENT AND CLASSIFICATION OF COMPLEX DISEASES BY A DATA-BASED CLINICAL DISEASE PROFILE

(76) Inventor: Barbara Biedermann, Basel (CH)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35

U.S.C. 154(b) by 1006 days.

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- (51) **Int. Cl. G06Q 10/00** (2012.01) **G06Q 50/00** (2012.01)

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(57) ABSTRACT

An tool and method is disclosed to assess disease activity and to classify complex diseases using basic clinical data. The tools and methods allow identifying and consulting affected individuals based on comprehensive bedside examinations and thus provide a basis for the personalized management of complex diseases.

12 Claims, 11 Drawing Sheets

