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Krise et al.

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Easy Read

- (54) **MOLECULAR TAG READER**
- (75) **Inventors:** William F. Krise, Bozeman, MT (US);
John L. Sternick, Mansfield, PA (US)
- (73) **Assignee:** The United States of America as
represented by the Secretary of the
Navy, Washington, DC (US)
- (*) **Notice:** Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 301 days.
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Related U.S. Application Data

- (63) Continuation of application No. 09/756,102, filed on
Jan. 9, 2001, now abandoned.
- (51) **Int. Cl.⁷** G01N 33/53; G01N 33/533
- (52) **U.S. Cl.** 514/2; 530/350; 530/402;
435/69.7; 435/968; 436/546; 436/800
- (58) **Field of Search** 514/2; 530/350,
530/402; 435/69.7, 7.5, 111, 968; 436/546,
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OTHER PUBLICATIONS

Krise, W. F. et al. (1998) (in "Fish Performance Studies" eds.
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of dimethyl sulfoxide in applying biochemical markers for
stock identification Fish Performance Studies", pp. 81-89.*

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Primary Examiner—Karen Cochrane Carlson

Assistant Examiner—Samuel W. Liu

(74) *Attorney, Agent, or Firm*—Mark Homer

(57) **ABSTRACT**

Foreign proteins are placed into the blood of an animal so
that they can be recovered at a later time and used for
identification. Proteins are administered to the animal from
a water bath via the animal's gills (where appropriate), gut
and, through the skin. The foreign protein is detectable in
small amounts using immune assays which magnify the
available signals or tags in an assay.

5 Claims, 5 Drawing Sheets