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Attorney Docket No. 59183-8056.US01

To the Honorable Commissioner for Patents: Please record the attached original documents or copy thereof

1. Name of conveying party(ies): **1-21-03**
Bruno FERRARIO; Stefano TOMINETTI
and Alessandro GALLITOGNOTTA

2. Name/address of receiving party(ies):
SAES Getters S.p.A.
Viale Italia, 77 20020
Lainate (Milan)

Add'l names of conveying parties attached?
 Yes No

Add'l names of receiving parties
attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Other
 Change of Name Reassignment

4. Date of execution: December 19, 2002.

5. Application number(s) and/or patent number(s):

If this document is being filed with a new application, the date of signature by the first named inventor was: _____.

A. Patent Application No.(s)

B. Patent No.(s)

10/256,560

Additional numbers attached: Yes No

6. Name and address of party to whom
correspondence concerning document
should be mailed:

Paul L. Hickman
Perkins Coie LLP
101 Jefferson Drive
Menlo Park, CA 94025

7. Total No. of applications and
patents involved:

One (1)

8. Total fee (37 CFR §3.41): \$40.00

Charge Deposit Account No. 50-2283

9. Total number of pages, including cover
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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

David Bogart Dort
Name of Person Signing

Signature

January 21, 2003
Date

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[59183-8056/DA030140.037]

PATENT
REEL: 013689 FRAME: 0180

ASSIGNMENT

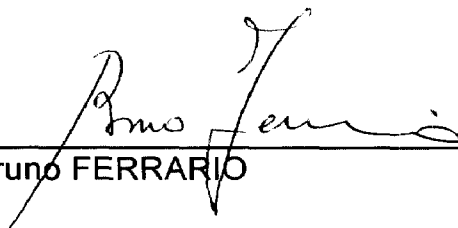
THIS ASSIGNMENT is by Bruno FERRARIO, Stefano TOMINETTI, and Alessandro GALLITOGNOTTA (the "Assignors"), residing at Via B. Melzi 152, 20027 Rescaldina (MI), Via Venezuela 8, 20151 Milano, and Via Marconi 52, 21040 Origgio (VA), respectively. We Assignors have invented one or more certain inventions described in a United States Patent Application entitled SYSTEMS FOR CONVERSION OF WATER INTO HYDROGEN AND SORPTION OF HYDROGEN IN ELECTRONIC DEVICES (the "Application") and executed concurrently herewith; or filed on September 27, 2002 as Application No. 10/256,560 (the "Invention(s)"). We Assignors authorize the Assignee, identified below, or its representatives to insert the filing date and application number of the Application when known.

SAES Getters S.p.A., a corporation of Italy having a place of business at Viale Italia, 77 20020, Lainate (Milan) ("Assignee"), desires to acquire the entire right, title and interest in and to the Invention(s) and the Application, and in and to any patents (collectively, "Patents") that may be granted for the Invention(s) in the United States or in any foreign countries.

For valuable consideration, the receipt and sufficiency of which we acknowledge, Assignors hereby sell, assign, and transfer to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to: the Invention(s), the Application, and any Patents; any divisions, continuations, and continuations-in-part of the Application; any reissues, reexaminations, or extensions of any and all Patents; the right to file foreign applications directly in the name of Assignee; and the right to claim priority rights deriving from the Application (collectively, the "Rights"). Assignors warrant that they are joint owners of the Rights, and that the Rights are unencumbered. Assignors also agree to not sign any writing or do any act conflicting with this assignment, and, without further compensation, sign all documents and do such additional acts as Assignee deems necessary or desirable to: perfect Assignee's enjoyment of the Rights; prepare and prosecute the Application or any other applications for Patents; conduct proceedings regarding the Rights, including any litigation or interference proceedings; or perfect or defend title to the Rights. Assignors request the

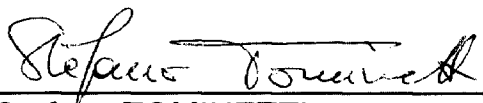
Commissioner of Patents to issue any Patent of the United States that may be issued on the Invention(s) to Assignee. This Assignment may be executed in counterparts.

Date: December 19, 2002



Bruno FERRARIO

Date: December 19, 2002



Stefano TOMINETTI

Date: December 19, 2002



Alessandro GALLITOGNOTTA