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U.S. Department of
Patent and Trademark

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

1. Name of conveying party(ies):
ARMINES

Additional name(s) of conveying party(ies) attached? Yes No

08/20/01

2. Name and address of receiving party(ies)

Name: TIMCAL, Ltd.
Street Address: Via Industriale
City: Bodio
Country: Switzerland
Zip: CH-6743

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: 07/06/01

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s): B. Patent No.(s) 6,099,696

Additional numbers attached? Yes No

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

Name: Virgil H. Marsh
Street Address: 1725 K Street, N.W.
Suite 1401
City: Washington State: D.C. Zip: 20006

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. 3.41).....\$ 40.00

Enclosed
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8. Deposit Account Number:

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9. Statement and signature.

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.

Virgil H. Marsh, Reg. No. 23,083
Name of Person Signing

Virgil H. Marsh
Signature

Aug. 17, 2001
Date

Total number of pages including cover sheet, attachments, and document: 2

Mail documents to be recorded with required cover sheet information to:
Assistant Commissioner for Patents, Box ASSIGNMENTS, Washington, D.C. 20231

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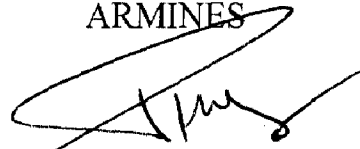
ASSIGNMENT

WHEREAS, by virtue of an Assignment recorded in the United States Patent Office on Reel 7691, Frame 0644, (recorded October 16, 1995), ARMINES, organized and existing under the laws of France, and having its principal place of business as 60, boulevard Saint-Michel, F-75272 Paris CEDEX 06, France, (hereinafter referred to as ARMINES), is the partial owner of U.S. Patent No. 6,099,696, issued on August 8, 2000, based upon U.S. application Serial No. 08/495,626 in the names of Yvan Schwob et al.

WHEREAS, TIMCAL, Ltd., organized and existing under the laws of Switzerland, and having its principal place of business at Via Industriale, CH-6743 Bodio, Switzerland, (hereinafter referred to as TIMCAL), is desirous of acquiring from the said ARMINES the entire partial right, title, and interest in, to and under the aforesaid patent and the invention therein described and claimed.

NOW THEREFORE, in consideration of the sum of ten dollars (\$10.00) paid by said TIMCAL to said ARMINES, the receipt of which is hereby acknowledged, the said ARMINES, hereby sells, transfers and conveys its entire partial right, title and interest in, to and under the said patent and the invention therein described and claimed to said TIMCAL to the full end of the term for which said Letters Patent has been granted and any extension, reissue or reexamination thereof.

Date: 07/06/01

By: ARMINES


Pascal RBIS
(Print or type name)

Directeur general
(Print or type title)

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