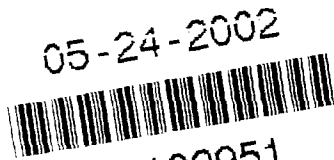


RE

SHEET



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To the Commissioner, United States i

Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies)

Chrysalis-ITS Inc.

5.21.02

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

2. Name and address of receiving party(ies)

Name: MOSAID Technologies, Inc.

Internal Address:

3. Nature of conveyance:

- [X] Assignment [] Merger
[] Security Agreement [] Change of Name
[] Other

Execution Date: 12/21/01

Street Address: 11 Hines Road

City: Kanata State: Ontario, CANADA ZIP: K2K 2X1

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

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) 09/851,169

B. Patent No.(s)

Additional numbers attached? [] Yes [X] No

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

Name: James M. Smith, Esq.

Internal Address:

Hamilton, Brook, Smith & Reynolds, P.C.

Street Address: 530 Virginia Road, P.O. Box 9133

City: Concord State: MA ZIP: 01742-9133

6. Total number of applications and patents involved: []

7. Total Fee (37 C.F.R. 3.41)..... \$ 40

- [X] Enclosed
[X] Authorized to charge any deficiencies or credit any overpayment to deposit account
[] Authorized to be charged to deposit account

8. Deposit account number:

08-0380

(Attach duplicate copy of this page if paying by deposit account)

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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.

Caroline M. Fleming

Name of Person Signing

Caroline M. Fleming (Signature)

Signature

5/15/02

Date

Total number of pages including cover sheet, attachments, and document: [3]

05/24/2002 TBI AZI 00000100 09851169

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OFFICE OF PUBLIC RECORDS
2002 MAY 21 AM 10:09
FINANCE SECTION

**ASSIGNMENT OF INVENTION
UNIVERSAL**

WHEREAS, We **Chrysalis-ITS Inc.** whose full post office address is One Chrysalis Way, Ottawa, Ontario K2G 6P9 Canada have invented certain improvements in and described in U.S. Patent Application No. 09/851,169 filed May 9, 2001 entitled Calculating Apparatus Having a Plurality of Stages, and;

WHEREAS, **Mosaid Technologies Incorporated** (hereinafter referred to as the assignee), whose full post office address is 11 Hines Road, Kanata, Ontario K2K 2X1 Canada is desirous of acquiring the entire right, title and interest in and to said invention or inventions and in and to any and all patents to be obtained therefor;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other valuable consideration, the receipt of which is hereby acknowledged, we have and by these presents do hereby sell, assign and transfer unto said assignee, its successors and assigns, the entire right, title and interest in and to said invention or inventions, as described in the aforesaid application, in any form or embodiment thereof, and in and to the aforesaid application, and in and to any applications filed in any foreign country based thereon, including the right to file said foreign applications under the provisions of the International Convention; also the entire right, title and interest in and to any and all patents, reissues or extensions thereof to be obtained in this or any foreign country upon said invention or inventions, and any divisional, continuation, substitute application(s) or supplementary disclosure(s) which may be filed upon said invention or inventions, in any country; and we hereby authorize and request the issuing authority to issue any and all patents on said application or applications to said assignee.

WE FURTHER AGREE without any payment by said assignee other than expenses incurred by the undersigned, to communicate to said assignee, its representatives or agents, any facts relating to said invention or inventions, including evidence for interference purposes or for other proceedings, whenever requested; testify in any interference or other proceedings, whenever requested; and execute and deliver, on request, all lawful papers required to make any of the foregoing provisions

ASSIGNMENT OF INVENTION UNIVERSAL

effective, and likewise make these provisions binding upon our heirs, legal representatives, administrators and assigns.

Signed and dated this 21st day of December, 2001.

WITNESS:

Chrysalis-ITS Inc.

W.E. Fuddeka

Printed name of Witness

[Signature]

Signature of Witness

Per:

[Signature]

Name: Des Bradley

Title: Chief Financial Officer

Signed and dated this 21st day of December, 2001.

WITNESS:

Mosaid Technologies Incorporated

W.E. Fuddeka

Printed name of Witness

[Signature]

Signature of Witness

Per:

[Signature]

Name: Peter Gillingham

Title: VP & General Manager Intellectual
Property Division

HAMILTON
BROOK
SMITH &
REYNOLDS, P.C.

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ANNOUNCEMENT

Please note that Hamilton, Brook, Smith & Reynolds, P.C.,
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