

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	Articles of Amalgamation												
CONVEYING PARTY DATA													
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Mosaid Inc.</td><td>04/29/1991</td></tr><tr><td>Mosaid Systems Inc.</td><td>04/29/1991</td></tr></tbody></table>		Name	Execution Date	Mosaid Inc.	04/29/1991	Mosaid Systems Inc.	04/29/1991						
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RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>Mosaid Technologies Incorporated</td></tr><tr><td>Street Address:</td><td>2171 McGee Side Road</td></tr><tr><td>Internal Address:</td><td>R.R. #4</td></tr><tr><td>City:</td><td>Carp</td></tr><tr><td>State/Country:</td><td>CANADA</td></tr><tr><td>Postal Code:</td><td>K0A 1L0</td></tr></table>		Name:	Mosaid Technologies Incorporated	Street Address:	2171 McGee Side Road	Internal Address:	R.R. #4	City:	Carp	State/Country:	CANADA	Postal Code:	K0A 1L0
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PROPERTY NUMBERS Total: 5													
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Patent Number:</td><td>5822253</td></tr><tr><td>Patent Number:</td><td>6061277</td></tr><tr><td>Patent Number:</td><td>6278640</td></tr><tr><td>Patent Number:</td><td>6603703</td></tr><tr><td>Patent Number:</td><td>7038937</td></tr></tbody></table>		Property Type	Number	Patent Number:	5822253	Patent Number:	6061277	Patent Number:	6278640	Patent Number:	6603703	Patent Number:	7038937
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Patent Number:	6061277												
Patent Number:	6278640												
Patent Number:	6603703												
Patent Number:	7038937												
CORRESPONDENCE DATA													
Fax Number: (613)591-8148 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone: 613-599-9539													
Email: ipadmin@mosaid.com													
Correspondent Name: Mosaid Technologies Incorporated													
Address Line 1: 11 Hines Road													
Address Line 2: Suite 203													
Address Line 4: Ottawa, CANADA K2K 2X1													

501366970

PATENT
REEL: 025437 FRAME: 0794

CH \$200.00 5822253

ATTORNEY DOCKET NUMBER:	1007 SERIES
NAME OF SUBMITTER:	Victoria Donnelly
<p>Total Attachments: 13</p> <p>source=Articles of Amalgamation#page1.tif</p> <p>source=Articles of Amalgamation#page2.tif</p> <p>source=Articles of Amalgamation#page3.tif</p> <p>source=Articles of Amalgamation#page4.tif</p> <p>source=Articles of Amalgamation#page5.tif</p> <p>source=Articles of Amalgamation#page6.tif</p> <p>source=Articles of Amalgamation#page7.tif</p> <p>source=Articles of Amalgamation#page8.tif</p> <p>source=Articles of Amalgamation#page9.tif</p> <p>source=Articles of Amalgamation#page10.tif</p> <p>source=Articles of Amalgamation#page11.tif</p> <p>source=Articles of Amalgamation#page12.tif</p> <p>source=Articles of Amalgamation#page13.tif</p>	

931906



Ministère de
la Consommation
et du Commerce

CERTIFICATE

Ceci certifie que les présents statuts ont été mis en vigueur le

APRIL 29 AVRIL 1991

Trans
Code

Line
No.

Stat. _____

Comp
Type

Method
Incorp.

Share

**Notice
Req'd**

Jurisdiction

A

No

REEL: 025437 FRAME: 0796

<u>Directors Name</u>	<u>Residence Address</u>	<u>Resident Canadian</u>
Paul Richman	34 Twixt Hills Road St. James, New York 11780	No
Eduard Mayer	2 Nina Street Toronto, Ontario M5R 1Z3	Yes

5. A) The amalgamation agreement has been duly adopted by the shareholders of each of the amalgamating corporations as required by subsection 175(4) of the Business Corporations Act on the date set out below.

☐

- A) Les actionnaires de chaque compagnie qui fusionne ont dûment adopté la convention de fusion conformément au paragraphe 175(4) de la Loi sur les compagnies à la date mentionnée ci-dessous.

Check
A or B

Cocher
A ou B

- B) The amalgamation has been approved by the directors of each amalgamating corporation by a resolution as required by section 176 of the Business Corporations Act on the date set out below.

☒

The articles of amalgamation in substance contain the provisions of the articles of incorporation of

- B) Les administrateurs de chaque compagnie qui fusionne ont approuvé la fusion par voie de résolution conformément à l'article 176 de la Loi sur les compagnies à la date mentionnée ci-dessous. Les statuts de fusion reprennent essentiellement les dispositions des statuts constitutifs de

MOSAID TECHNOLOGIES INCORPORATED

and are more particularly set out in these articles.

et sont énoncés textuellement aux présents statuts.

Names of amalgamating corporations <i>Dénomination sociale des compagnies qui fusionnent</i>	Ontario Corporation Number <i>Numéro de la compagnie en Ontario</i>	Date of Adoption/Approval <i>Date d'adoption ou d'approbation</i>
MOSAID TECHNOLOGIES INCORPORATED	561497	April 29, 1991
MOSAID SYSTEMS INC.	505289	April 29, 1991
MOSAID INC.	305940	April 29, 1991

PATENT

REEL: 025437 FRAME: 0798

6. Restrictions, if any, on business the corporation may carry on or on powers the corporation exercise. *Limites, s'il y a lieu, imposées aux activités commerciales ou aux pouvoirs de la compagnie.*

None

7. The classes and any maximum number of shares that the corporation is authorized to issue. *Catégories et nombre maximal, s'il y a lieu, d'actions que la compagnie est autorisée à émettre:*

An unlimited number of common shares.

8. Rights, privileges, restrictions and conditions (if any) attaching to each class of shares and directors authority with respect to any class of shares which is to be issued in series:

Droits, privilèges, restrictions et conditions, s'il y a lieu, rattachés à chaque catégorie d'actions et pouvoirs des administrateurs relatifs à chaque catégorie d'actions qui peut être émise en série:

n/a

9. The issue, transfer or ownership of shares is/is not restricted and the restrictions (if any) are as follows:

L'émission, le transfert ou la propriété d'actions est/n'est pas restreinte. Les restrictions, s'il y a lieu, sont les suivantes:

The right to transfer shares of the Corporation shall be restricted in that no shareholder shall be entitled to transfer any share or shares in the capital of the Corporation without the previous express sanction of the directors of the Corporation expressed by a resolution passed at a meeting of the board of directors of the Corporation or consented to by an instrument or instruments in writing signed by all of the directors.

10. Other provisions, (if any):

Autres dispositions, s'il y a lieu.

- (a) The number of shareholders of the Corporation, exclusive of persons who are in the employment of the Corporation and exclusive of persons who, having been formerly in the employment of the Corporation, were, while in that employment, and have continued after the termination of that employment to be, shareholders of the Corporation, is limited to not more than fifty, two or more persons who are the joint registered owners of one or more shares being counted as one shareholder.
- (b) Any invitation to the public to subscribe for securities of the Corporation is prohibited.

11. The statements required by subsection 177(2) of the Business Corporations Act are attached as Schedule "A".

Les déclarations exigées aux termes du paragraphe 177 (2) de la Loi sur les compagnies constituent l'annexe "A".

12. A copy of the amalgamation agreement or directors resolutions (as the case may be) is/are attached as Schedule "B".

Une copie de la convention de fusion ou les résolutions des administrateurs (selon le cas) constitue(nt) l'annexe "B".

PATENT

REEL: 025437 FRAME: 0801

These articles are signed in duplicate.

Les présents statuts sont signés en double exemplaire.

Names of the amalgamating corporations and
signatures and descriptions of office of their pro-
per officers.

Dénomination sociale des compagnies qui
fusionnent, signature et fonction de leurs
dirigeants régulièrement désignés.

MOSAID TECHNOLOGIES INCORPORATED

Per: R. Q. A. Hells

MOSAID SYSTEMS INC.

Per: R. Q. A. Hells

MOSAID INC.

Per: R. Q. A. Hells

PATENT

REEL: 025437 FRAME: 0802

SCHEDULE "A"

STATEMENT OF DIRECTOR OR OFFICER
PURSUANT TO SUBSECTION 177(2) OF
THE BUSINESS CORPORATIONS ACT, 1982

I, Russel Fields, hereby certify and state as follows:

1. This Statement is made pursuant to subsection 177(2) of the Business Corporations Act, 1982.
2. I am the President of Mosaid Technologies Incorporated and as such have knowledge of its affairs.
3. I am the President of Mosaid Systems Inc. and as such have knowledge of its affairs.
4. I am the President of Mosaid Inc. and as such have knowledge of its affairs.
5. I have conducted such examination of the books and records of Mosaid Technologies Incorporated, Mosaid Systems Inc. and Mosaid Inc. (the "Amalgamating Corporations") as are necessary to enable me to make the statements hereinafter set forth.
6. There are reasonable grounds for believing that:
 - (a) each of the Amalgamating Corporations is and the corporation to be formed by their amalgamation will be able to pay their respective liabilities as they become due; and
 - (b) the realizable value of the Amalgamated Corporation's assets will not be less than the aggregate of its liabilities and stated capital of all classes.
7. There are reasonable grounds for believing that no creditor of either of the Amalgamating Corporations will be prejudiced by the amalgamation.

DATED at Ottawa, this 29TH day of April, 1991.



Russel Fields

SCHEDULE "B"

**CERTIFIED COPY OF A RESOLUTION
OF THE DIRECTORS OF**

MOSAID TECHNOLOGIES INCORPORATED

ARTICLES OF AMALGAMATION

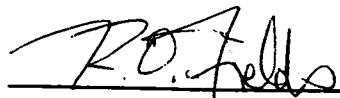
WHEREAS the Corporation has agreed to amalgamate with Mosaid Systems Inc. and Mosaid Inc. pursuant to subsection 176(1) of the Business Corporations Act, 1982;

BE IT RESOLVED that:

1. the amalgamation of the Corporation, Mosaid Systems Inc. and Mosaid Inc. under the Business Corporations Act, 1982, pursuant to subsection 176(1) thereof, be and the same is hereby approved;
2. the articles of amalgamation of the amalgamated corporation shall be the same as the articles of incorporation of the Corporation;
3. no securities shall be issued by the amalgamated corporation in connection with the amalgamation; and
4. the proper officers of the Corporation are hereby authorized to do all things and execute all instruments and documents necessary or desirable to carry out and give effect to the foregoing.

CERTIFIED to be a true copy of a resolution passed by the board of directors of MOSAID TECHNOLOGIES INCORPORATED on the 29TH day of April, 1991, which resolution is in full force and effect, unamended, as at the date hereof.

DATED this 29TH day of April, 1991.


_____ c/s

SCHEDULE "B"

CERTIFIED COPY OF A RESOLUTION
OF THE DIRECTORS OF

MOSAID SYSTEMS INC.

ARTICLES OF AMALGAMATION

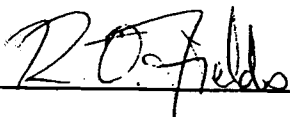
WHEREAS the Corporation is a wholly-owned subsidiary of Mosaid Technologies Incorporated and has decided to amalgamate with Mosaid Technologies Incorporated and Mosaid Inc. pursuant to subsection 176(1) of the Business Corporations Act, 1982;

BE IT RESOLVED that:

1. the amalgamation of the Corporation, Mosaid Technologies Incorporated and Mosaid Inc. under the Business Corporations Act, 1982, pursuant to subsection 176(1) thereof, be and the same is hereby approved;
2. upon the endorsement of a Certificate of Amalgamation pursuant to subsection 177(4) of the Business Corporations Act, 1982, all shares of the capital of the Corporation, including all shares which have been issued and are outstanding at the date hereof, be and the same are hereby cancelled without any repayment of capital in respect thereof;
3. the articles of amalgamation of the amalgamated corporation shall be the same as the articles of incorporation of Mosaid Technologies Incorporated;
4. no securities shall be issued by the amalgamated corporation in connection with the amalgamation; and
5. the proper officers of the Corporation are hereby authorized to do all things and execute all instruments and documents necessary or desirable to carry out and give effect to the foregoing.

CERTIFIED to be a true copy of a resolution passed by the board of directors of MOSAID SYSTEMS INC. on the 29th day of April, 1991, which resolution is in full force and effect, unamended, as at the date hereof.

DATED this 29th day of April, 1991.


_____ c/s

SCHEDULE "B"

**CERTIFIED COPY OF A RESOLUTION
OF THE DIRECTORS OF**

MOSAID INC.

ARTICLES OF AMALGAMATION

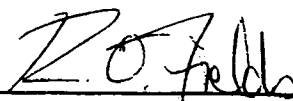
WHEREAS the Corporation is a wholly-owned subsidiary of Mosaid Technologies Incorporated and has decided to amalgamate with Mosaid Technologies Incorporated and Mosaid Systems Inc. pursuant to subsection 176(1) of the Business Corporations Act, 1982;

BE IT RESOLVED that:

1. the amalgamation of the Corporation, Mosaid Technologies Incorporated and Mosaid Systems Inc. under the Business Corporations Act, 1982, pursuant to subsection 176(1) thereof, be and the same is hereby approved;
2. upon the endorsement of a Certificate of Amalgamation pursuant to subsection 177(4) of the Business Corporations Act, 1982, all shares of the capital of the Corporation, including all shares which have been issued and are outstanding at the date hereof, be and the same are hereby cancelled without any repayment of capital in respect thereof;
3. the articles of amalgamation of the amalgamated corporation shall be the same as the articles of incorporation of Mosaid Technologies Incorporated;
4. no securities shall be issued by the amalgamated corporation in connection with the amalgamation; and
5. the proper officers of the Corporation are hereby authorized to do all things and execute all instruments and documents necessary or desirable to carry out and give effect to the foregoing.


CERTIFIED to be a true copy of a resolution passed by the board of directors of MOSAID INC. on the 29TH day of April, 1991, which resolution is in full force and effect, unamended, as at the date hereof.

DATED this 29TH day of April, 1991.



c/s



 Ontario
Consumer and
Commercial
Relations

Ministère de
la Consommation
et du Commerce

Ontario Corporation Number
Numéro de la compagnie en Ontario

561497

CERTIFICATE

This is to certify that these
articles are effective on

CERTIFICAT

Ceci certifie que les présents statuts entrent en vigueur le

MAY 4 MAI, 1984

Controller of Records
Companies Branch

Contrôleur des Dossiers
Direction des Compagnies

TRANS
CODE

0

46

**ARTICLES OF AMENDMENT
STATUTS DE MODIFICATION**

Form 3
Business
Corporations
Act,
1982

Formule
numéro 3
Loi de 1982
sur les
compagnies

1. The present name of the corporation is: *Dénomination sociale actuelle de la compagnie:*

[illegible]

2. The name of the corporation is changed to (if applicable): *Nouvelle dénomination sociale de la compagnie (s'il y a lieu):*

[illegible]

3. ~~Date of incorporation/ amalgamation~~ *Date de la constitution ou de la fusion:*

February 3, 1984

(Day, Month, Year)
(jour, mois, année)

4. The articles of the corporation are amended as follows: *Les statuts de la compagnie sont modifiés de la façon suivante:*

1. The Articles of the Corporation be amended to divide the 34,294 common shares currently issued and outstanding on the ratio of 33 to 1 so that the existing 34,294 common shares will become 1,131,702 common shares.

2. The Articles of the Corporation be further amended as follows:

Section 3 of the Articles of Incorporation be and the same is hereby repealed and replaced with the following:

"Number (or minimum and maximum number) of directors is:

Minimum of 2, Maximum of 8"

5. The amendment has been duly authorized as required by Sections 167 and 169 (as applicable) of the Business Corporations Act.

La modification a été dûment autorisée conformément à l'article 167 et, s'il y a lieu, à l'article 169 de la Loi sur les compagnies.

6. The resolution authorizing the amendment was approved by the shareholders/directors (as applicable) of the corporation on

Les actionnaires ou les administrateurs (le cas échéant) de la compagnie ont approuvé la résolution autorisant la modification

May 4th, 1984

(Day, Month, Year)
(jour, mois, année)

These articles are signed in duplicate.

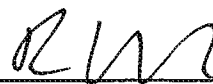
Les présents statuts sont signés en double exemplaire.

MOSAID TECHNOLOGIES INCORPORATED

(Name of Corporation)
(Dénomination sociale de la compagnie)

Director and
Secretary

By/Par:



PATENT