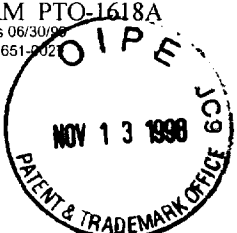


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FORM PTO-1618A  
Expires 06/30/99  
OMB 0651-0021

11-19-1998

U.S. Department of Commerce  
Patent and Trademark Office  
TRADEMARK



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11-13-98



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### RECORDATION FORM COVER SHEET TRADEMARKS ONLY

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

#### Submission Type

- New
- Resubmission (Non-Recordation)  
Document ID #
- Correction of PTO Error  
Reel #  Frame #
- Corrective Document  
Reel #  Frame #

#### Conveyance Type

- Assignment  License
- Security Agreement  Nunc Pro Tunc Assignment
- Merger  Effective Date  
Month Day Year
- Change of Name
- Other

#### Conveying Party

Mark if additional names of conveying parties attached

Name  Execution Date   
Month Day Year

Formerly

- Individual  General Partnership  Limited Partnership  Corporation  Association
- Other
- Citizenship/State of Incorporation/Organization

#### Receiving Party

Mark if additional names of receiving parties attached 65 E

Name

DBA/AKA/TA

Composed of

Address (line 1)

Address (line 2)

Address (line 3)     
City State/Country Zip Code

- Individual  General Partnership  Limited Partnership  If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative should be attached. (Designation must be a separate document from Assignment.)
- Corporation  Association
- Other
- Citizenship/State of Incorporation/Organization

11/19/1998 SBURMS 00000021 000750 2034983

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01 FC:481 40.00 CH  
02 FC:482 25.00 CH

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:  
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

**TRADEMARK**  
**REEL: 1816 FRAME: 0094**

**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

**Correspondent Name and Address**

Area Code and Telephone Number

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

**Pages** Enter the total number of pages of the attached conveyance document including any attachments. #

**Trademark Application Number(s) or Registration Number(s)**  Mark if additional numbers attached  
Enter either the Trademark Application Number or the Registration Number (DO NOT ENTER BOTH numbers for the same property).

Trademark Application Number(s)			Registration Number(s)		
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="2,034,983"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="2,131,716"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

**Number of Properties** Enter the total number of properties involved. #

**Fee Amount** Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment: Enclosed  Deposit Account

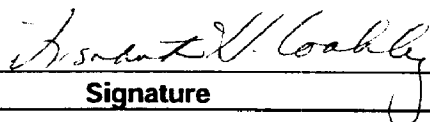
Deposit Account (Enter for payment by deposit account or if additional fees can be charged to the account.)  
Deposit Account Number: #

Authorization to charge additional fees: Yes  No

**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. Charges to deposit account are authorized, as indicated herein.

Lisabeth H. Coakley



11-10-98

Name of Person Signing

Signature

Date Signed

Michigan Bar No. P13408



**FLORIDA DEPARTMENT OF STATE**  
**Sandra B. Mortham**  
Secretary of State

September 6, 1996

Douglas H. Dold, Esq.  
P.O. Box 36786  
Grosse Pointe, MI 48236-0786

Re: Document Number G50150

The Articles of Amendment to the Articles of Incorporation of SOFTWARE ALGORITHMS, INC which changed its name to MANUFACTURING DATA SYSTEMS, INC., a Florida corporation, were filed on August 30, 1996.

Should you have any questions regarding this matter, please telephone (904) 487-6050, the Amendment Filing Section.

Steven Harris  
Corporate Specialist  
Division of Corporations

Letter Number: 396A00041709

ARTICLES OF AMENDMENT  
TO  
ARTICLES OF INCORPORATION  
OF

SOFTWARE ALGORITHMS, INC.

(present name)

*Pursuant to the provisions of section 607.1006, Florida Statutes, this Florida profit corporation adopts the following articles of amendment to its articles of incorporation:*

**FIRST:** Amendment(s) adopted: *(indicate article number(s) being amended, added or deleted)*

Article 1 - Name is hereby amended to read as follows:

The name of the Corporation shall be:  
Manufacturing Data Systems, Inc. The principal  
place of business of this Corporation shall be  
2901 Hubbard Road, Ann Arbor, MI 48105.

FILED  
95 AUG 30 AM 5:33  
TALLAHASSEE, FLORIDA

**SECOND:** If an amendment provides for an exchange, reclassification or cancellation of issued shares, provisions for implementing the amendment if not contained in the amendment itself, are as follows:

THIRD: The date of each amendment's adoption: August 23, 1996.

FOURTH: Adoption of Amendment(s) (CHECK ONE)

The amendment(s) was/were approved by the shareholders. The number of votes cast for the amendment(s) was/were sufficient for approval.

The amendment(s) was/were approved by the shareholders through voting groups. The following statement must be separately provided for each voting group entitled to vote separately on the amendment(s):

The number of votes cast for the amendment(s) was/were sufficient for approval by \_\_\_\_\_ voting group.

The amendment(s) was/were adopted by the board of directors without shareholder action and shareholder action was not required.

The amendment(s) was/were adopted by the incorporators without shareholder action and shareholder action was not required.

Signed this day 28 of August, 19 96.

Signature

Charles S. Hutchins

(By the Chairman or Vice Chairman of the Board of Directors, President or other officer if adopted by the shareholders)

OR

(By a director if adopted by the directors)

OR

(By an incorporator if adopted by the incorporators)

Charles S. Hutchins

Typed or printed name

Chairman

President / Director

Title

MICHIGAN DEPARTMENT OF CONSUMER AND INDUSTRY SERVICES  
CORPORATION, SECURITIES AND LAND DEVELOPMENT BUREAU

Received

DEC 23 1996

(FOR BUREAU USE ONLY)

**COPY**

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DRG&FI

\$2.50

**FILED**

DEC 23 1996

Name  
Douglas H. Dold, Attorney

Address  
P.O. Box 36786

City State Zip Code  
Grosse Pointe MI 48236-0786

Administrator  
MI DEPARTMENT OF CONSUMER & INDUSTRY SERVICES  
CORPORATION, SECURITIES & LAND DEVELOPMENT BUREAU

EFFECTIVE DATE: December 21, 1996

Document will be returned to the name and address you enter above ↑

**CERTIFICATE OF MERGER / CONSOLIDATION**  
For use by Domestic Profit and/or NonProfit Corporations  
(Please read information and instructions on the last page)

Pursuant to the provisions of Act 284, Public Acts of 1972 (profit corporations), and/or Act 162, Public Acts of 1982 (nonprofit corporations), the undersigned corporations execute the following Certificate:

1. The Plan of Merger (Consolidation) is as follows:

a. The name of each constituent corporation and its identification number is:

Manufacturing Data Systems, Inc., a Michigan corporation

438-910

Manufacturing Data Systems, Inc., a Florida corporation

~~650-155~~

b. The name of the surviving (new) corporation and its identification number is:

Manufacturing Data Systems, Inc., a Michigan corporation

438-910

c. For each constituent stock corporation, state:

Name of corporation	Designation and number of outstanding shares in each class or series	Indicate class or series of shares entitled to vote	Indicate class or series entitled to vote as a class
<u>Manufacturing Data Systems, Inc., a Michigan corporation</u>	<u>0</u>	<u>None</u>	<u>None</u>
<u>Manufacturing Data Systems, Inc., a Florida corporation</u>	<u>1,754,000</u>	<u>1,754,000</u>	<u>None</u>
_____	_____	_____	_____
_____	_____	_____	_____

If the number of shares is subject to change prior to the effective date of the merger or consolidation, the manner in

(Complete for any profit corporation only)

a. The manner and basis of converting shares are as follows:

Each share of the issued and outstanding common stock of Manufacturing Data Systems, Inc.-Florida shall be converted into one validly issued, fully paid, and nonassessable share of common stock of Manufacturing Data Systems, Inc.-Michigan.

b. The amendments to the Articles, or a restatement of the Articles, of the surviving corporation to be effected by the merger are as follows:

c. The plan of merger will be furnished by the surviving profit corporation, on request and without cost, to any shareholder of any constituent profit corporation.

(Complete for any nonprofit corporation only) N/A

a) If it is organized on a membership basis, state (a) the name of the corporation, (b) a description of its members, and (c) the number, classification and voting rights of its members.

b) If it is organized on a directorship basis, state (a) the name of the corporation, (b) a description of the organization of its board, and (c) the number, classification and voting rights of its directors.

c) State the terms and conditions of the proposed merger or consolidation, including the manner and basis of converting the shares of, or membership or other interests in, each constituent corporation into shares, bonds, or other securities of, or membership or other interest in, the surviving or consolidated corporation, or into cash or other consideration.

d) If a consolidation, the Articles of Incorporation of the consolidated corporation are attached to this Certificate and are incorporated herein. If a merger, the amendments to the Articles, or a restatement of the Articles, of the surviving corporation to be effected by the merger are as follows:

e) Other provisions with respect to the merger (consolidation) are as follows:

(Complete for any foreign corporation only)

This merger (consolidation) is permitted by the laws of the state of Florida

the jurisdiction under which Manufacturing Data Systems, Inc., a Florida corporation

(name of foreign corporation)

is organized and the plan of merger (consolidation) was adopted and approved by such corporation pursuant to and in accordance with the laws of that jurisdiction.

(Complete only if an effective date is desired other than the date of filing. The date must be no more than 90 days after receipt of this document in this office.)

The merger (consolidation) shall be effective on the 24th day of December, 19 96.

a) The plan of merger was approved by the unanimous consent of the incorporators of Manufacturing Data Systems, Inc., a Michigan corporation which has not commenced business, has not issued any shares, and has not elected a Board of Directors.

\_\_\_\_\_  
(Signature of Incorporator)

\_\_\_\_\_  
(Signature of Incorporator)

\_\_\_\_\_  
(Signature of Incorporator)

\_\_\_\_\_  
(Signature of Incorporator)

b) The plan of merger was approved by N/A

the Board of Directors of \_\_\_\_\_, the surviving Michigan corporation, without approval of the shareholders in accordance with Section 701 of the Act.

the Board of Directors and the shareholders of the following Michigan corporation(s) in accordance with Section 703a of the Act:

\_\_\_\_\_  
(Name of Corporation)

\_\_\_\_\_  
(Name of Corporation)

By \_\_\_\_\_  
(Signature of President, Vice-President,  
Chairperson or Vice-Chairperson)

By \_\_\_\_\_  
(Signature of President, Vice-President,  
Chairperson or Vice-Chairperson)

\_\_\_\_\_  
(Type or Print Name and Title)

\_\_\_\_\_  
(Type or Print Name and Title)

7. TO BE COMPLETED BY MICHIGAN NONPROFIT CORPORATIONS ONLY N/A

The plan of merger or consolidation was approved by

the Board of Directors and shareholders or members of the following Michigan corporation(s) in accordance with Sections 701 and 703(1) and (2) of the Act:

the Board of Directors of the following Michigan corporation(s) organized on a directorship basis in accordance with Section 703(3) of the Act:

\_\_\_\_\_  
(Name of Corporation)

\_\_\_\_\_  
(Name of Corporation)

By \_\_\_\_\_  
(Signature of President, Vice-President,  
Chairperson or Vice-Chairperson)

By \_\_\_\_\_  
(Signature of President, Vice-President,  
Chairperson or Vice-Chairperson)

\_\_\_\_\_  
(Type or Print Name and Title)

\_\_\_\_\_  
(Type or Print Name and Title)



~~2. (Complete for any foreign corporation only)~~

~~This merger is permitted by the laws of the State of Florida, the jurisdiction under which Manufacturing Data Systems, Inc., a Florida corporation (name of foreign corporation)~~

~~is formed and the plan of merger was adopted and approved by such corporation pursuant to and in accordance with the laws of that jurisdiction.~~

~~3. (Delete if not applicable)~~

~~The consent to the merger by the shareholders of the subsidiary corporation was obtained pursuant to its Articles of Incorporation. (Such consent is necessary if the Articles of Incorporation require approval of the merger by the vote of the holders of more than the percentage of the shares owned by the parent corporation.)~~

~~4. (Delete if not applicable)~~

~~The consent to the merger by the shareholders of the parent corporation was obtained. (Such consent is necessary if its Articles of Incorporation require shareholder approval of the merger, the plan of merger amends its Articles of Incorporation, or a subsidiary is to be the surviving corporation.)~~

5. (Complete only if an effective date is desired other than the date of filing) N/A

The merger shall be effective on the 24th day of December, 19 96.

Signed this 20th day of December, 19 96

Manufacturing Data Systems, Inc., a Michigan corporation  
(Name of parent corporation)

By Lawrence H. Schultz  
(Signature of President, Vice-President, Chairperson, or Vice-Chairperson)

Lawrence H. Schultz, Incorporator  
(Type or Print Name and Title)

Manufacturing Data Systems, Inc., a Florida corporation  
By: Lawrence H. Schultz  
LAWRENCE H. SCHULTZ, President