

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

CHANGE OF NAME

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------------|----------------|
| Desa International, Inc. | 12/10/2002 |

RECEIVING PARTY DATA

| | |
|-----------------|------------------------|
| Name: | Desa International LLC |
| Street Address: | 2701 Industrial Drive |
| City: | Bowling Green |
| State/Country: | KENTUCKY |
| Postal Code: | 42101 |

PROPERTY NUMBERS Total: 9

| Property Type | Number |
|----------------|---------|
| Patent Number: | D406110 |
| Patent Number: | D380167 |
| Patent Number: | D382502 |
| Patent Number: | D391514 |
| Patent Number: | D381594 |
| Patent Number: | 5036441 |
| Patent Number: | 5420564 |
| Patent Number: | 5576690 |
| Patent Number: | 5638047 |

CORRESPONDENCE DATA

Fax Number: (502)588-1969

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Email: dmiles@middreut.com

Correspondent Name: John F. Salazar

Address Line 1: 2500 Brown & Williamson Tower

Address Line 4: Louisville, KENTUCKY 40202

PATENT

500290543

REEL: 019382 FRAME: 0891

OP \$360.00 D406110

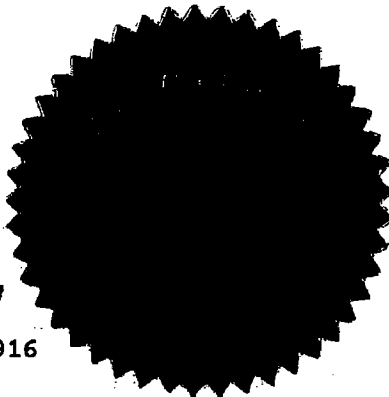
| | |
|---|-----------------|
| ATTORNEY DOCKET NUMBER: | ZM466-03001 |
| NAME OF SUBMITTER: | John F. Salazar |
| Total Attachments: 4 source=Conversion#page1.tif source=Conversion#page2.tif source=Conversion#page3.tif source=Conversion#page4.tif | |

Delaware

PAGE 1

The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE DO HEREBY CERTIFY THAT THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF CONVERSION OF A DELAWARE CORPORATION UNDER THE NAME OF "DESA INTERNATIONAL, INC." TO A DELAWARE LIMITED LIABILITY COMPANY, CHANGING ITS NAME FROM "DESA INTERNATIONAL, INC." TO "DESA INTERNATIONAL LLC", FILED IN THIS OFFICE ON THE TENTH DAY OF DECEMBER, A.D. 2002, AT 3 O'CLOCK P.M.



Harriet Smith Windsor

Harriet Smith Windsor, Secretary of State

AUTHENTICATION: 2430211

DATE: 05-21-03

2179597

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PATENT
REEL: 019382 FRAME: 0893

**CERTIFICATE OF CONVERSION
FROM A CORPORATION TO A LIMITED LIABILITY COMPANY
PURSUANT TO SECTION 266 OF
THE DELAWARE GENERAL CORPORATE LAW**

To the Secretary of State
State of Delaware

Stephen L. Clanton, being the Senior Vice President and Chief Financial Officer of DESA International, Inc., a Delaware corporation (the "Corporation"), for the purpose of converting the Corporation to a limited liability company (hereinafter called the "Company"), under the provisions and subject to the requirements of Section 18-214 of the Delaware Limited Liability Company Act, hereby certifies that:

First: The name of the Corporation under which it was originally incorporated was DESA Holding Corp.

Second: The Corporation was formed November 30, 1988, under the laws of the State of Delaware.

Third: The name of the Corporation immediately prior to the filing of the certificate of conversion is DESA International, Inc.

Fourth: The name of the limited liability company as set forth in its certificate of formation filed in accordance with Section 18-214(b) of the Delaware Limited Liability Company Act is DESA International LLC.

Fifth: The conversion has been approved in accordance with the provisions of Section 266 of the Delaware General Corporate Law.

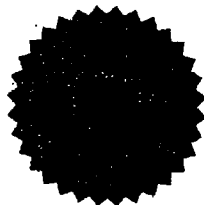
/S/ STEPHEN L. CLANTON
STEPHEN L. CLANTON,
Senior Vice President and Chief Financial
Officer

Delaware

PAGE 2

The First State

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE DO HEREBY CERTIFY THAT THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF FORMATION OF "DESA INTERNATIONAL LLC" FILED IN THIS OFFICE ON THE TENTH DAY OF DECEMBER, A.D. 2002, AT 3 O'CLOCK P.M.



Harriet Smith Windsor
Harriet Smith Windsor, Secretary of State

2179597 8100V
030332916

AUTHENTICATION: 2430211

DATE: 05-21-03

PATENT
REEL: 019382 FRAME: 0895

CERTIFICATE OF FORMATION
OF
DESA INTERNATIONAL LLC

This Certificate of Formation is being executed as of December 5, 2002, for the purpose of forming a limited liability company under the provisions and subject to the Delaware Limited Liability Company Act, 6 Del. C. §§ 18-101, et seq.

The undersigned, being a natural person duly authorized to execute and file this Certificate, does hereby certify as follows:

1. Name. The name of the limited liability company is DESA International LLC (the "Company").
2. Registered Office and Registered Agent. The address of the Company's registered office and the name and address of the registered agent of the limited liability company required to be maintained by Section 18-104 of the Delaware Limited Liability Company Act are: The Corporation Trust Company, 1209 Orange Street, Wilmington, DE 19801.

IN WITNESS WHEREOF, the undersigned has duly executed this Certificate of Formation as of the day and year first above written.

By: /s/ STEPHEN L. CLANTON
STEPHEN L. CLANTON,
Authorized Person