

01-02-2001

C 12.14.00

FORM PTO-1619A
Expires 06/30/99
OMB 0651-0027



101566633

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

RECORDATION FORM COVER SHEET PATENTS 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 # 011111

Frame # 0362

Conveyance Type

☐ Assignment

☐ Security Agreement

☐ License

☐ Change of Name

☐ Merger

☒ Other **Corrective Brief Attached**
U.S. Government

(For Use ONLY by U.S. Government Agencies)

☐ Departmental File

☐ Secret File

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Name (line 1) A E PLC

 Execution Date
Month Day Year

12/18/1998

Name (line 2) an England and Wales corporation

Second Party

Name (line 1)

 Execution Date
Month Day Year

Name (line 2)

4652150

Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) Dana Corporation

☐ 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 is attached. (Designation must be a separate document from Assignment.)

Name (line 2) a Virginia Commonwealth corporation

Address (line 1) 4500 Dorr Street

Address (line 2)

Address (line 3) Toledo

OH / USA

43615

City

State/Country

Zip Code

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)

FOR OFFICE USE ONLY

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

PATENT
REEL: 011369 FRAME: 0938

Correspondent Name and Address

Area Code and Telephone Number **303 473-2710**

Name **Scott S. Havlick, Esq.**

Address (line 1) **Holland & Hart, LLP**

Address (line 2) **1050 Walnut Street, Suite 500**

Address (line 3) **Boulder, CO 80302**

Address (line 4)

Pages

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

4

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

4,652,150	4,707,194	4,770,547
4,795,682	RE 32,595	4,592,782
4,696,867	4,657,683	

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT		PCT		PCT	
PCT		PCT		PCT	

Number of Properties

Enter the total number of properties involved.

8

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$ **320.00**

Method of Payment:
Deposit Account

Enclosed ☒ Deposit Account ☐

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

08-2623

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.

Scott S. Havlick, Esq.

Name of Person Signing

Signature

Date

12/8/2000

DATED

18 December

1998

A E PLC

- and -

DANA CORPORATION

ASSIGNMENT OF PATENTS
UNITED STATES OF AMERICA

Nabarro Nathanson
50 Stratton Street
London W1X 6NX

WE CERTIFY the within to be a
true copy of the original.

NABARRO NATHANSON

Dated 17 AUGUST 2000

File D1341.24

Ref: EA/TAT

**ASSIGNMENT OF PATENTS
UNITED STATES OF AMERICA**

DATE: 18 December 1998

PARTIES:

- (1) A E PLC a company incorporated in England and Wales whose registered office is at Cawston House, Rugby, Warwickshire CV22 7SB ("Assignor").
- (2) DANA CORPORATION a company incorporated in the Commonwealth of Virginia whose principal place of business is at 4500 Dorr Street, Toledo, Ohio 43615, USA ("Assignee").

RECITALS:

- (A) The Assignor is the registered proprietor of the granted patents, short particulars of which are set out in the Schedule hereto (the "Patents").
- (B) The Assignor has agreed to assign the Patents to the Assignee.

TERMS AGREED:

1. In consideration of \$1.00 and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Assignor with full title guarantee hereby assigns to the Assignee, to hold unto the Assignee, its successors and assigns absolutely for all times hereafter:
 - 1.1 the Patents for the residue of their respective terms, including all renewals and extensions;
 - 1.2 all rights of priority relating to the Patents, and
 - 1.3 so far as it is able, the right to sue for and obtain full and effective relief in respect of every act of infringement of the Patents occurring prior to the date of this Assignment.

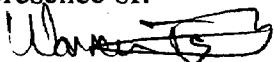
AS WITNESS the hands of the authorised signatories for the parties hereto on the day and year first before written.

**The Schedule
hereinbefore referred to**

Patent No. / Application No.	Grant / Application	Renewal / Priority	Expiry / Status	Applicant / Descriptive Title
4652150 06/794,550	24/03/1987 04/11/1985	24/09/1998 10/12/1984	04/11/2005 Granted	AE PLC Flexible Attached Flanges
4707194 06/863711	17/11/1987 16/05/1986	17/05/1999 28/05/1985	16/05/2006 Granted	AE PLC AS124 Bearing Material
4770547 07/55305	13/09/1988 29/05/1987	13/03/2000 03/06/1986	29/05/2007 Granted	AE PLC Thrust Washer w Bent-over Tabs
4795682 07/72532	03/01/1989 13/07/1987	03/07/2000 19/07/1986	13/07/2007 Granted	AE PLC Tin-Cobalt Overlays
RE.32,595 824,798	09/02/1988 22/10/1982	20/06/1995 22/10/1981	22/10/2002 Granted	AE PLC PPS/Peek Alloy
4592782 588,386	03/06/1986 12/03/1984	03/12/1997 14/03/1983	12/03/2004 Granted	AE PLC PFTE/Peek/Graphite/Bronze
4696867 583,198	29/09/1987 24/02/1984	29/03/1999 05/07/1983	29/09/2004 Granted	AE PLC Al/Tin/Silicon Bearing Alloy
4657683 839,429	14/04/1987 13/03/1986	14/10/1998 15/03/1985	13/03/2006 Granted	AE PLC Erosion Resistant DU


DULY EXECUTED:

SIGNED by D. J. Ludlow (ATTORNEY))
.....for and on)
behalf of A E PLC)
in the presence of:-)



WARREN TAYLOR

SIGNED by DANIEL J. MOODY
for and on behalf of
DANA CORPORATION
in the presence of:-


as duly authorised attorney

Respectfully submitted,

December 12, 2000

A handwritten signature in cursive script, appearing to read "Scott Havlick", is written over a horizontal line.

Scott S. Havlick
HOLLAND & HART, LLP
555 Seventeenth Street, Suite 3200
Denver, Colorado 80202
(303) 473-2710
ATTORNEYS FOR RECEIVING PARTY