

04-29-2002

FORM PTO-1619A
Expires 06/30/99
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U.S. Department of Commerce
Patent and Trademark Office
PATENT

APR 16 PM 1:18

FINANCE SECTION

4/16/02

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Submission Type

- New
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Document ID#
- Correction of PTO Error
Reel # Frame #
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Conveyance Type

- Assignment Security Agreement
 - License Change of Name
 - Merger Other
- U.S. Government**
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04/26/2002 LMUELLER 00000293 4551395
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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: 012822 FRAME: 0138

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

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)

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="4,551,395"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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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.

Patent Cooperation Treaty (PCT)

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

PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>
PCT <input type="text"/>	PCT <input type="text"/>	PCT <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

(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.

Name of Person Signing


Signature

Date

18

DATED 18 December 1998

AE CLEVITE INC

- 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 01341.24

Ref: EA/TAT

D1341/00024/742626 v.02

**ASSIGNMENT OF PATENTS
UNITED STATES OF AMERICA**

DATE: 18 December 1998

PARTIES:

- (1) A E CLEVITE INC (formerly known as JPI Transportation Products Inc and as JPI Acquisitions Inc and as Imperial Clevite Inc) a company incorporated in the State of Michigan whose principal place of business is at 1350 Eisenhower Place, Ann Arbor, Michigan 48108, USA ("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.

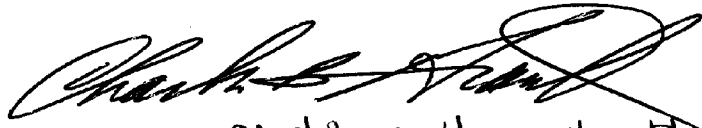
AS WITNESS the hands of the authorised signatories for the parties hereto on the day and year first before written.

**The Schedule
hereinbefore referred to**

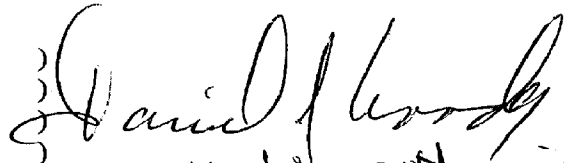
Patent No. / Application No.	Grant / Application	Renewal / Priority	Expiry / Status	Applicant / Descriptive Title
4751777 06/902538	21/06/1988 02/09/1986	21/12/1999	02/09/200 6 Granted	JPI Acquisitions Inc Full Round Bush Manuf'g Method
4551395 648466	05/11/1985 07/09/1984		07/09/200 4 Granted	JPI Transportation Products Inc Bearing Materials Cu/Bi
5026967 07/550085	25/06/1991 09/07/1990		09/07/201 0 Granted	JPI Transportation Products Inc Vision Enhanced Laser Welder
5114246 620727	19/05/1992 03/12/1990		03/12/201 0 Granted	JPI Transportation Products Inc Floating Flange Half Bearing
4187166 5602	05/02/1980 22/01/1979		22/01/199 9 Granted	JPI Transportation Products Inc Removing Copper Ions from Bath
4333215 49102	08/06/1982 10/06/1979		10/06/199 9 Granted	JPI Transportation Products Inc Br'g Mat'l & Method of Making
4379031 225709	05/04/1983 16/01/1981		16/01/200 1 Granted	JPI Transportation Products Inc Evap'n Driven C-flow Rinse Sys
4495252 112525	22/01/1985 16/01/1980		22/01/200 2 Granted	JPI Transportation Products Inc Wear Resist Metallic Article
4734967 869489	05/04/1988 02/06/1986	05/10/1999	02/06/2006 Granted	Imperial Clevite Inc Heat Treating Bearing Mat'ls

DULY EXECUTED:

SIGNED by CHARLES B. CRANT)
.....for and on)
behalf of **A E CLEVITE INC**)
in the presence of:-)


as duly authorized attorney

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


as duly authorized attorney