

MAR 7-30-99

FORM PTO-1518A
Expires 06/30/99
OMB 0651-0027

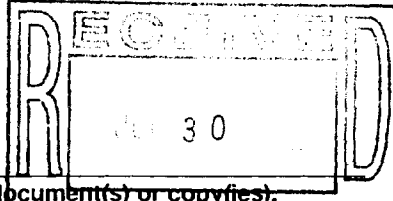
08-03-1999

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



101108315

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
Effective Date
Month Day Year
- Merger
- Change of Name
- Other

Conveying Party

Mark if additional names of conveying parties attached

Execution Date
Month Day Year
7/16/99

Name

Formerly

- Individual General Partnership Limited Partnership Corporation Association
- Other

Citizenship/State of Incorporation/Organization

Receiving Party

Mark if additional names of receiving parties attached

Name

DBA/AKA/TA

Composed of

Address (line 1)

Address (line 2)

Address (line 3)

- Individual General Partnership Limited Partnership Association
- Corporation Association
- Other

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.)

Citizenship/State of Incorporation/Organization

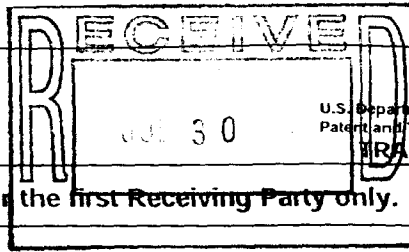
08/02/1999 DNGUYEN 00000252 729713
01 FC:481 40.00 DP

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

TRADEMARK
REEL: 001938 FRAME: 0154



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="729713"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<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.

Mark G. Knedeisen

July 30, 1999

Name of Person Signing

Signature

Date Signed

PATENT AND TRADEMARK ASSIGNMENT

THIS PATENT AND TRADEMARK ASSIGNMENT (the "Agreement") is made as of July 16, 1999 between Teledyne Industries, Inc., a California corporation ("**Assignor**"), and Northrop Grumman Corporation, a Delaware corporation ("**Assignee**").

WHEREAS, Assignor is the owner of (i) the United States Letters Patents and Application for Letter Patent that are specifically identified and listed on the Schedule attached hereto, incorporated herein, and made a part hereof (collectively, the "**Patents**"), and (ii) the trademark "Ryan," United States Trademark No. 729713, registered on April 10, 1962 in the United States Trademark Office (the "**Trademark**");

WHEREAS, Assignor desires to convey, transfer, assign, deliver and contribute to Assignee all of its right, title, and interest in and to the Patents and all of its right, title and interest in and to the Trademark, subject to the provisions of Sections 2.2(i) and 7.9 of the Asset Purchase and Sale Agreement dated as of May 26, 1999 among Assignor, Allegheny Teledyne Incorporated and Assignee (the "**Asset Purchase Agreement**"); and

WHEREAS, Assignee is desirous of acquiring all right, title, and interest in and to the Patents and all of Assignor's right, title and interest in and to the Trademark, subject to the provisions of Sections 2.2(i) and 7.9 of the Asset Purchase Agreement.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by Assignor, and intending to be legally bound hereby, Assignor does hereby sell, assign, transfer, and set over to Assignee all right, title, and interest in and to the Patents and the Trademark (subject to the provisions of Sections 2.2(i) and 7.9 of the Asset Purchase Agreement) together with the goodwill of the Business with respect to which the Trademark is used, the same to be held and enjoyed by the Assignee, its successors and assigns, as fully as the same would have been held and enjoyed by the Assignor had this assignment not

been made.

And for the consideration aforesaid, Assignor agrees that it will, upon request, execute and deliver to Assignee any and all additional papers and generally do all other and further lawful acts deemed necessary by Assignee to record the assignment of the Patents and the assignment of the Trademark and to otherwise carry out the terms of this Agreement.

[REMAINDER OF PAGE LEFT INTENTIONALLY BLANK]

EXECUTED as of the date first written above.

TELEDYNE INDUSTRIES, INC.

By: James L. Mundy
Name: James L. Mundy
Title: Executive Vice President Finance & Administration
and Chief Executive Officer

Seal

SCHEDULE

UNITED STATES PATENTS

<u>NUMBER</u>	<u>DATE OF ISSUE</u>	<u>TITLE</u>
5,299,273	3/29/94	Optical Fiber to Laminate Adapter
5,262,781	11/16/93	Wideband Electromagnetic Imaging System
5,250,802	10/5/93	Fiber Optic Stress Sensor for Structural Joints
5,245,293	9/14/93	Adhesive Bond Degradation Monitor
5,243,298	9/7/93	Corrosion Monitor by Creating a Galvanic Circuit Between an Anode Wire and a Test Structure
5,236,341	8/17/93	Automatic Blind Rivet Feeding System Attachment
5,214,837	6/1/93	Automatic Riveting Nutplate Installation Device and Method of Riveting a Nutplate to a Workplace
4,332,523	6/1/82	Turbine Shroud Assembly
Application No. TRA-1837, Serial No. 09/345,200	Filed on 6/30/99	Aircraft Towbar Restraint Harness

COMMONWEALTH OF PENNSYLVANIA

:

SS:

COUNTY OF ALLEGHENY

:

The foregoing instrument was acknowledged before me at Pittsburgh, Pennsylvania, this 16th day of July, 1999, by James L. Murdy, the ^{Executive Vice President} ~~Finance Administration~~ _{CFO} of Teledyne Industries, Inc., a California corporation, on behalf of the corporation.

My commission expires: _____

Notarial Seal
Vicki L. Baker, Notary Public
Pittsburgh, Allegheny County
My Commission Expires Nov. 8, 1999

Member Pennsylvania Association of Notaries

Vicki L. Baker
Notary Public

(Notarial Seal)