

08-20-1999



101123985

Practitioner's Docket No. NORTH- 372A /A- 2212

PATENT

Box Patent Application
 Assistant Commissioner for Patents
 Washington, D.C. 20231

COVER SHEET FOR ASSIGNMENT (DOCUMENT) ACCOMPANYING
 NEW PATENT APPLICATION (37 C.F.R. § 3.31)

IDENTIFICATION OF APPLICATION
 (37 C.F.R. § 3.21 and 37 C.F.R. § 3.31(a)(4))

1. The ☒ patent application ☐ provisional patent application filed herewith and, to which the attached assignment (document) refers, is identified as follows:

a. Type of application

- ☒ Application of patent (37 C.F.R. § 1.53(b))
☐ Continued prosecution (nonprovisional) application (37 C.F.R. § 1.53(d))
☐ Provisional application (37 C.F.R. § 1.53(c))
☐ International application (37 C.F.R. § 1.431)

b. Date of execution: 08/05/99

NOTE: Leave this blank if assignment is for a provisional application.

c. Name of each inventor:

- 1: George Nicholas Bullen
 2:
 3:

d. Title of invention: VIBRATION-ABSORBING END EFFECTOR OF AN
 AUTOMATED DRILL AND COUNTERSINK MACHINE.

CERTIFICATION UNDER 37 C.F.R. § 1.10*

(Express Mail label number is mandatory.)

(Express Mail certification is optional.)

I hereby certify that this "Cover Sheet For Assignment (Document) Accompanying New Patent Application," along with any document referred to, is being deposited with the United States Postal Service on this date August 10, 1999 in an envelope as "Express Mail Post Office to Addressee," Mailing Label Number EL428438702US, addressed to the: Assistant Commissioner for Patents, Washington, D.C. 20231.

DAVID L. MANGINO
 (type or print name of person mailing paper)

David L. Mangino
 Signature of person mailing paper

WARNING: Certificate of mailing (first class) or facsimile transmission procedures of 37 C.F.R. § 1.8 cannot be used to obtain a date of mailing or transmission for this correspondence.

***WARNING:** Each paper or fee filed by "Express Mail" must have the number of the "Express Mail" mailing label placed thereon prior to mailing. 37 C.F.R. § 1.10(b).

"Since the filing of correspondence under § 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will **not** be granted on petition." Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442.

(Cover Sheet For Assignment Accompanying New Patent Application [4-2.3]—page 1 of 4)

8-10-99

1c490 U.S. PTO
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NOTE: 37 C.F.R. § 3.21 states: "If an assignment of a patent application filed under § 1.53(b) is executed concurrently with, or subsequent to, the execution of the patent application, but before the patent application is filed, it must identify the patent application by its date of execution, name of each inventor, and title of the invention so that there can be no mistake as to the patent application intended. If an assignment of a provisional application under § 1.53(c) is executed before the provisional application is filed, it must identify the provisional application by name of each inventor and title of the invention so that there can be no mistake as to the provisional application intended."

NAME OF PARTY(IES) CONVEYING INTEREST (37 C.F.R. § 3.31(a)(1))

2. The party(ies) conveying this interest is (are):

Name 1: George Nicholas Bullen

Name 2: _____

Name 3: _____

NAME AND ADDRESS OF PARTY(IES) RECEIVING INTEREST

(37 C.F.R. § 3.31(a)(2))

3. The rights are being conveyed to:

Name: NORTHROP GRUMMAN CORPORATION

Address: 1840 Century Park East
Los Angeles CA 90067-2199

Telephone No.: (323) 600-5823

**DESCRIPTION OF INTEREST CONVEYED OR
TRANSACTION RECORDED (37 C.F.R. § 3.31(a)(3))**

4. The accompanying document intends to accomplish:

- ☒ an assignment.
☐ a security agreement.
☐ a license.
☐ a merger.
☐ a change of name.
☐ a change of address.
☐ other.

**NAME AND ADDRESS OF PARTY TO WHOM CORRESPONDENCE
SHOULD BE MAILED (37 C.F.R. § 3.31(a)(5))**

5. Please address correspondence to:

Name: TERRY J. ANDERSON, ESQ.

Address: NORTHROP GRUMMAN CORPORATION
1840 Century Park East
Los Angeles, CA 90067-2199

Telephone No.: (323) 600-5823

(Cover Sheet For Assignment Accompanying New Patent Application [4-2.3]—page 2 of 4)

DATE ASSIGNMENT (DOCUMENT) EXECUTED (37 C.F.R. § 3.31(a)(7))

6. The attached assignment (document) was executed on 08/05/99:
Date

LANGUAGE OF ASSIGNMENT (DOCUMENT) TO BE RECORDED

NOTE: "The Office will accept and record non-English language documents only if accompanied by an English translation signed by the individual making the translation." 37 C.F.R. § 3.26.

7. The attached document:
- ☒ is in the English language.
 - ☐ is not in the English language. An English translation signed by the individual making the translation and statement as to its accuracy is attached.

ORIGINAL DOCUMENT OR TRUE COPY SUBMITTED

NOTE: "Either the original document or a true copy of the original document may be submitted for recording. Only one side of each page shall be used. The paper used should be flexible, strong, white, non-shiny, durable, and preferably no larger than 21.6 x 33.1 cm. (8½ x 14 inches) with a 2.5 cm. (one-inch) margin on all sides." 37 C.F.R. § 3.24.

8. Submitted herewith is:
- ☒ the original document.
 - ☐ a true copy of the original document.

NOTE: "If the original [assignment] document is two-sided or the wrong size, the practitioner can comply with the requirement [set out in 37 C.F.R. § 3.24] by providing a true copy of the original document using only one side of each page on the correct size paper." Notice of June 24, 1992, 1140 O.G. 63-76, at 67.

**NUMBER OF APPLICATIONS IDENTIFIED IN THIS COVER SHEET
AND THE FEE**

NOTE: "All requests to record documents must be accompanied by the appropriate fee. Except as provided in paragraph (b) of this section, a fee is required for each application or patent against which the document is recorded as identified in the cover sheet. The recording fee is set in § 1.21(h). . . ." 37 C.F.R. § 3.41.

9. A. This cover sheet identifies only one application:
B. The fee for recordal (37 C.F.R. § 1.21(h)) is \$40.00.
- ☐ Attached is a check for \$40.00.
 - ☒ Please charge Account 14-1325 \$40.00.
- A duplicate of this cover sheet is attached.

STATEMENT (37 C.F.R. § 3.31(a)(9))
AND SIGNATURE (37 C.F.R. § 3.31(a)(10))

10. 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.

Date: _____

Name of party submitting document

Signature of party submitting document

(complete the following, if the party submitting the document is applicant's attorney)

Reg. No. 28,497

Date: 08/10/99


Signature of Practitioner

Tel. No. (949) 855-1246

BRUCE B. BRUNDA

(type or print name of practitioner)

STETINA BRUNDA GARRED & BRUCKER

24221 Calle de la Louisa, 4th Flr.

Customer No. --

P.O. Address

Laguna Hills, CA 92653-3642

TOTAL NUMBER OF PAGES BEING SUBMITTED

11. The total number of pages being submitted, including cover sheet, attachment(s), and document(s) are:

6

Total number of pages submitted

NOTE: PLEASE DIRECT ALL CORRESPONDENCE AND PHONE CALLS TO:

TERRY J. ANDERSON, ESQ. (REG. NO. 24,271)
NORTHROP GRUMMAN CORPORATION
1840 Century Park East
Los Angeles, CA 90067-2199

PHONE: (323) 600-5823

(Cover Sheet For Assignment Accompanying New Patent Application [4-2.3]—page 4 of 4)

ASSIGNMENT

WHEREAS, I, George Nicholas Bullen

, hereinafter referred to as
Assignor

together with --

have jointly invented certain new and useful improvements in VIBRATION-ABSORBING END EFFECTOR OF AN
AUTOMATED DRILL AND COUNTERSINK MACHINE

described in an application for United States Letters Patent, executed by me on the date as stated below;

WHEREAS, Northrop Grumman Corporation, a Delaware corporation, having its principal place of business at 1840 Century Park East, Los Angeles, California 90067, hereinafter referred to as Assignee, is desirous of acquiring the entire right, title and interest in, to and under said improvements and said application:

NOW, THEREFORE, in consideration of Assignor's obligations to Northrop Grumman, and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, Assignor's entire right, title and interest in, to and under said improvements, and said application and all divisions, renewals, continuations, and continuations-in-part thereof, and all United States Letters Patent which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, including the full right to claim for any such application the priority benefits of the International Convention for the Protection of Industrial Property and other priority-conferring treaties, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, divisions, continuations, continuations-in-part, renewals and reissues thereof; and Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to said Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument;

Assignor hereby acknowledges that at the time of making the improvements herein identified, Assignor was under an obligation to assign to Assignee, Assignor's entire right, title and interest in, to and under said improvements;

Assignor hereby covenants that Assignor has full right to convey the interest herein assigned, and that Assignor has not executed, and will not execute, any agreement in conflict herewith and that Assignee, Northrop Corporation, its successors, assigns and other legal representatives shall have the right to hold and enjoy for its and their own use and benefit, to the end of the term or terms for which such Letters Patent shall or may be granted, reissued or extended as fully and completely as the same might or could have been held and enjoyed by Assignor had this assignment not been made.

Assignor hereby further covenants and agrees to communicate to Assignee, its successors, legal representatives and assigns, any and all facts known to Assignor respecting said improvements; to promptly provide Assignor with all documents relating to said improvements, said invention, and said Letters Patent as may be known or accessible to Assignor; to testify as to the same in any interference or litigation or other legal proceedings related thereto; to sign all lawful papers, execute all extensions, continuations, continuations-in-part, divisional and reissue applications; and to make all rightful oaths or declarations and generally do everything possible to aid Assignee, its successors, legal representatives and assigns in obtaining and enforcing all the rights herein conveyed for said improvements in all countries without further compensation, but at the expense of Assignee, its successors, legal representatives and assigns.

IN WITNESS WHEREOF, the undersigned has executed and delivered this instrument this _____ day of _____, 19____, and has executed the referenced patent application on the _____ day of _____, 19____.

George Nicholas Bullen 8/5/99
George Nicholas Bullen

STATE OF _____ }
COUNTY OF _____ } ss

On _____ before me, _____,
personally appeared _____, personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to this instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal

Signature _____

(Seal)

