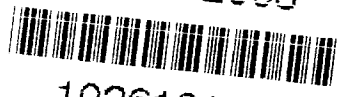


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U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): (a) Tom Hartmann (b) John M. Morgenstern

2. Name and address of receiving party(ies) Name: Lockheed Martin Corporation

Additional name(s) of conveying party(ies) attached? [] Yes [x] No

3. Nature of conveyance: [x] Assignment [] Merger [] Security Agreement [] Change of Name [] Other

Internal Address:

Street Address: 6801 Rockledge Drive

City: Bethesda State: MD Zip: 20817

Execution Date: (a) - (b) August 14, 2003

Additional name(s) & address(es) attached? [] Yes [x] No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s) 10/614,393

B. Patent No.(s)

Additional numbers attached? [] Yes [x] No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Mary Jo Bertani

Internal Address:

Street Address: KOESTNER BERTANI LLP

18662 MacArthur Blvd., Suite 400

City: Irvine State: CA Zip: 92612

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

[] Enclosed

[x] Authorized to be charged to deposit account

8. Deposit account number:

50-2240

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9. Signature.

Mary Jo Bertani, Reg. No. 42,321 Name of Person Signing

Mary Jo Bertani Signature

November 20, 2003 Date

Total number of pages including cover sheet, attachments, and documents: 2

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PATENT REEL: 014742 FRAME: 0599

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we

Tom Hartmann of Santa Clarita, CA
John M. Morgenstern of Lancaster, CA

hereby sell, assign and transfer to **LOCKHEED MARTIN CORPORATION**, a Maryland corporation, having a place of business at 6801 Rockledge Drive, Bethesda, Maryland 20817, its successors and assigns, the entire right, title and interest throughout the world in our invention in:

PASSIVE AERODYNAMIC SONIC BOOM SUPPRESSION FOR SUPERSONIC AIRCRAFT

for which we have executed a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request the Commissioner of Patents and Trademarks to issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this 19 day of November, 2003.


Tom Hartmann

Executed this 23 day of October, 2003.


John M. Morgenstern