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To the Honorable Commissioner of Patents and Trademarks; Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Lucent Technologies Inc. Name: General Dynamics Advanced Technology Systems, Inc. Internal Address: Additional name(s) of conveying party(ies) attached?

Yes ⊠ No 3. Nature of conveyance: Street Address: 5440 Millstream Road ■ Assignment □ Merger City: McLeansville State: NC ZIP: 27301 □ Security Agreement ☐ Change of Name Additional name(s) & address(es) attached: □ Yes Ø No □ Other __ **Execution Date:** February 23, 1999 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) B. Patent No.(s) 08/771,554 Additional numbers attached? Yes 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Jenner & Block Name: Internal Address: 7. Total fee (37 CFR 3.41).....\$ 40.00 /16/1999 DNGUYEN 00000268 100460 08771554 □ Enclosed FC:581 40.00 CH ■ Authorized to be charged to deposit account Street Address: One IBM Plaza 10-0460 8. Deposit account number: City: Chicago State: IL ZIP: 60611 DO NOT USE THIS SPACE 9. 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. Mark P. Vrla **March 8, 1999** Name of Person Signing Date Total number of pages including cover sheet, attachments, and document:

> Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

ASSIGNMENT

FOR VALUE RECEIVED, Lucent Technologies Inc., a Delaware corporation having a place of business at 600 Mountain Avenue, Murray Hill, New Jersey 07974 ("ASSIGNOR"), hereby sells, assigns, and transfers to General Dynamics Advanced Technology Systems, Inc., a Delaware corporation, having a place of business at 5440 Millstream Road, McLeansville, North Carolina 27301 ("ASSIGNEE") effective October 1, 1997, ASSIGNOR's worldwide right, title and interest in and to the invention known as Unbalanced Force Generation In Motors ("the Invention"), for which United States Patent Application No. 08/771,554 was filed on December 13, 1996 with the United States Patent and Trademark Office, together with its rights and privileges under any Letters Patent which may be granted thereon, including its rights, if any, within and throughout the entire world, to make, use and/or sell products embodying any and all facets of the invention.

ASSIGNOR agrees, without charge to ASSIGNEE, but at ASSIGNEE's expense to execute (i) all necessary papers to be used in connection with the aforementioned application and any additional non-provisional, continuing or divisional applications, as the ASSIGNEE may deem necessary or expedient, (ii) all papers in connection with any interference or other legal or quasi legal proceedings relating to the aforementioned application or any additional, non-provisional continuing or divisional applications thereof, (iii) all papers and documents which may be necessary in connection with the preparation and filing of any foreign application or with making claims to priority rights granted under the provisions of the International Convention for the Protection of Industrial Property or similar agreements.

ASSIGNOR hereby authorizes and requests that the Assistant Commissioner for Patents of the United States of America and the appropriate officials in any country issue any and all Letters Patent that may be granted upon any patent application or any non-provisional

PATENT REEL: 9811 FRAME: 0151 additional, continuing or divisional applications related to the Invention to the ASSIGNEE, its successors and assigns.

LUCENT TECHNOLOGIES INC.

Dated: February 23, 1999

Michael R. Greene

Printed Name

Vice President-Intellectual Property

Title

Subscribed and sworn to before me this 23 day of February, 1999

LAURIE RUBEN
Notary Public of the State of New Jersey My Commission Expires NOV 14,003

RECORDED: 03/11/1999