



07-23-2007



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Docket No.: 076748-0011

To the Director of the U. S. Patent and Trademark Office

...nts or the new address(es) below.

7-18-07

1. Name of Conveying Party(ies)
 Takahisa HARAYAMA, Takehiro FUKUSHIMA

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

2. Name and address of receiving party(ies)
 Name: ADVANCED TELECOMMUNICATIONS
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 Internal Address:
 Address: 2-2, Hikaridai 2-chome, Seika-cho, Soraku-gun,
 Kyoto 619-0288 JAPAN

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

3. Nature of Conveyance/Execution Date(s)
 Execution Date(s): October 26, 2006, November 5, 2006
 (respectively)

Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other

4. Application or patent number(s):
 A. Patent Application No(s).
 10/591,453

Additional numbers attached? Yes No

This document is being filed together with a new application.
 B. Patent No(s).

5. Name and address to whom correspondence concerning document should be mailed:
 Name: MCDERMOTT WILL & EMERY LLP
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 Street Address: 600 13th Street, N.W.
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6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00

Authorized to be charged by credit card
 Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)

9. Signature.
 Stephen A. Becker, 26, 527

Name and Registration No. of Person Signing

Signature Date July 18, 2007

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

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ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- (1) Takahisa HARAYAMA
- (2) Takehiro FUKUSHIMA

who have made a certain new and useful invention, hereby sell, assign and transfer unto

ADVANCED TELECOMMUNICATIONS RESEARCH INSTITUTE INTERNATIONAL
2-2, Hikaridai 2-chome, Seika-cho, Soraku-gun, Kyoto 619-0288 Japan

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

GYRO EMPLOYING SEMICONDUCTOR LASER

(a) for which an application for United States Letters Patent was filed on _____, and identified by United States Serial No. _____; or

(b) for which an application for United States Letters Patent was executed on _____,

and the undersigned hereby authorize and request the United States Commissioner for Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

INVENTORS	DATE SIGNED
1) <u>Takahisa Harayama</u> Name: Takahisa HARAYAMA	<u>Oct. 26, 2006</u>
2) <u>Takehiro Fukushima</u> Name: Takehiro FUKUSHIMA	<u>Nov. 5, 2006</u>