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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):

Marwan A. Jabri, Jian Wei Wang, Sameh Georgy,
Michael Ibrahim

6-23-03

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other:

Execution Date: June 2, 2003

2. Name and address of receiving party(ies)

Name: Macchina Pty Ltd.

Internal Address:

Street Address: Level 7, Smail Street

City: Broadway, NSW Country: Australia ZIP: 2007

Additional name(s) and address(es) attached? ☐ Yes ☒ 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): 10/350,349

B. Patent No(s):

Additional numbers attached? ☐ Yes ☒ No

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

Name: Richard T. Ogawa
TOWNSEND AND TOWNSEND AND CREW LLP
Two Embarcadero Center, 8th Floor
San Francisco, California 94111-3834
(415) 576-0200

6. Total number of applications and patents involved 1

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

- ☐ Enclosed
☒ Authorized to be charged to deposit account

8. Deposit account number: 20-1430

(Attach duplicate copy of this page if paying by deposit account)

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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.*Richard T. Ogawa
Name of Person Signing
Atty. Reg. No. 37,692
Signature6/19/03
Date

Total number of pages including cover sheet, attachments and documents: 3

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ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Marwan A. Jabri of Unit 44, 267 Castlereagh, Sydney, NSW, 2000, Australia; Jian Wei Wang of 104 Killarney Drive, Glebe, NSW, 2150 Australia; Sameh Georgy of 54 Josephine Street, Riverwood, NSW, 2210; Michael Ibrahim of 1 Salerwrong Place, Ryde, NSW, 2112 Australia, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified provisional patent application:

Title of Invention: Method for Adaptive Codebook Pitch-Lag Computation in Audio Transcoders

Filing Date: March 12, 2003

Application No.: 10/350,349; and

WHEREAS, Macchina Pty Ltd. (ACN 071 123 521), an Australian corporation located at Level 7, 3 Smail Street, Broadway, NSW, AUSTRALIA 2007, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on any patent application claiming priority from the same;

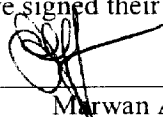
For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on any patent application claiming priority from the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

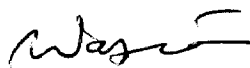
IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 2/6/03



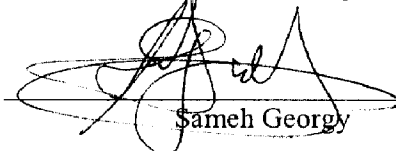
Marwan A. Jabri

Dated: 2/6/03



Jian Wei Wang

Dated: 2/6/03



Sameh Georgy

Dated: 2/6/03



Michael Ibrahim

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