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(71) Applicant (*for all designated States except US*):
**NANYANG TECHNOLOGICAL UNIVERSITY,
CENTRE FOR SIGNAL PROCESSING** [SG/SG];
School of Electrical and Electronic Engineering, Block
S2, Level B4, S-B4B-05, 50 Nanyang Avenue, Singapore
639798 (SG).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **ZHANG, Ming**
[SG/SG]; Nanyang Technological University, Centre for

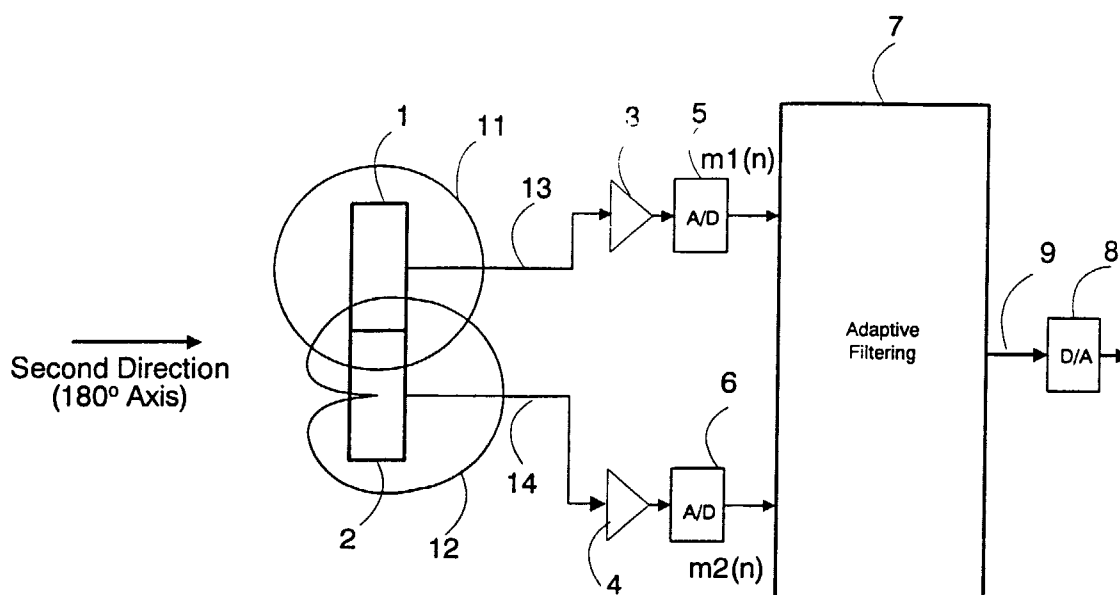
Signal Processing, School of Electrical and Electronic,
Engineering, Block S2, Level B4, S-B4B-05, 50 Nanyang
Avenue, Singapore 639798 (SG). **YU, Zhuliang** [CN/SG];
Nanyang Technological University, Centre for Signal, 1
Processing, School of Electrical and Electronic, Engineer-
ing, Block S2, Level B4, S-B4B-05, 50 Nanyang Avenue,
Singapore 639798 (SG). **LAN, Hui** [CN/SG]; Nanyang
Technological University, Centre for Signal, 1 Processing,
School of Electrical and Electronic, Engineering, Block
S2, Level B4, S-B4B-05, 50 Nanyang Avenue, Singapore
639798 (SG).

(74) Agents: **MURGIANA, Haq** et al.; Haq Namazie & Sel-
vam, Robinson Road, P.O. Box 765, Singapore 901515
(SG).

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(54) Title: POST-PROCESSING SCHEME FOR ADAPTIVE DIRECTIONAL MICROPHONE SYSTEM WITH NOISE/INTER-
FERENCE SUPPRESSION



(57) Abstract: The present invention provides an adaptive directional microphone system for enhancing an acoustic signal from a second direction and for reducing an acoustic signal from at least a first direction different from the second direction, the system comprising: an omni-directional microphone and a directional microphone being arranged in a closely acoustically-coupled way; an adaptive filtering circuit system for generating a first error $e_1(n)$ corresponding to an acoustic signal in which the acoustic signal from the first direction is reduced; and a post-processing filter system for producing a second error signal $e_2(n)$ corresponding to an acoustic signal in which the acoustic signal from the second direction is enhanced as compared to the acoustic signal related to the first error signal $e_1(n)$.



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