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- (71) **Applicant: ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD.** [CN/CN]; No. 556 Xixi Road, 8th Floor, Section B, Suite 801-11, West Lake District, Hangzhou, Zhejiang 310000 (CN).
- (72) **Inventors: WANG, Zhiming;** No. 556 Xixi Road, 8th Floor, Section B, Suite 801-11, West Lake District, Hangzhou, Zhejiang 310000 (CN). **YAO, Kaisheng;** No. 556 Xixi Road, 8th Floor, Section B, Suite 801-11, West Lake District, Hangzhou, Zhejiang 310000 (CN). **LI, Xiaolong;** No. 556 Xixi Road, 8th Floor, Section B, Suite

801-11, West Lake District, Hangzhou, Zhejiang 310000 (CN).

- (74) **Agent: BEIJING BESTIPR INTELLECTUAL PROPERTY LAW CORPORATION;** Room 409, Tower B, Ka Wah Building, No. 9 Shangdi 3rd Street, Haidian District, Beijing 100085 (CN).

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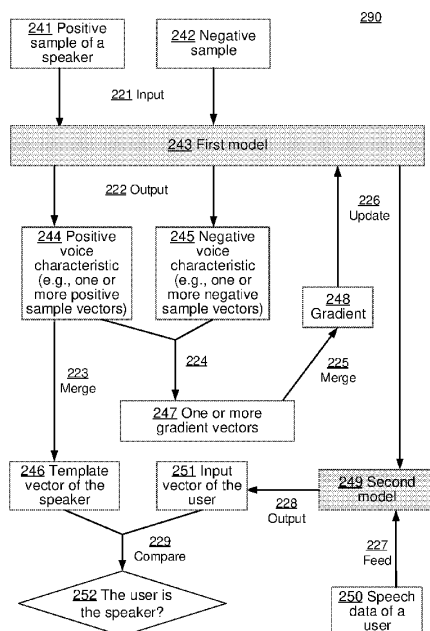
(54) **Title:** SYSTEM AND METHOD FOR PERSONALIZED SPEAKER VERIFICATION

FIG. 2C

(57) **Abstract:** Methods, systems, and apparatus, including computer programs encoded on computer storage media, for personalized speaker verification are provided. One of the methods includes: obtaining first speech data of a speaker as a positive sample and second speech data of an entity different from the speaker as a negative sample (310); feeding the positive sample and the negative sample to a first model for determining voice characteristics to correspondingly output a positive voice characteristic and a negative voice characteristic of the speaker (320); obtaining a gradient based at least on the positive voice characteristic and the negative voice characteristic (330); and feeding the gradient to the first model to update one or more parameters of the first model to obtain a second model for personalized speaker verification (340).

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