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Ref.:   Recommendation letter for Ms. Anjie Le

To whom it may concern,

I am Jacques Souquet, Executive Chairman of eSonic (ESI), I am also the Chief Scientist of the National Innovation Centre for Advanced Medical Devices in Shenzhen, member of the Chinese Academy of Sciences and a member of the French Academy of Technologies. I have spent all of my professional career in the field of medical imaging. I was the CTO of Philips Medical Systems and the founder and CEO of SuperSonic Imagine, a French start-up that has developed a new mode of ultrasound imaging to assess tissue stiffness leveraging the propagation of shear wave in the body.

Ms. Anjie Le has worked at ESI for 3 months and reported directly to me, so I have been able to assess her strength and abilities. Even though she had not had much experience in ultrasound technologies, she was able to quickly understand the challenges of our business. She read the book "Diagnostic Ultrasound", a reference in our field. She created her own vocabulary book to familiarize herself with our technology. She is a very open person and was not afraid to engage in discussion with others when she felt she needed more explanation. She is definitely a fast learner. She also demonstrated some management skills as she would organize key 1 on 1 meetings for me with members of my team.

As I shared with her a challenge for the future related to the application of Artificial Intelligence (AI) in our field of imaging and most particularly for the assessment of breast cancer, she took the initiative to investigate further the development of AI in ultrasound. She put a presentation together and presented a proposal during one of our weekly staff meetings. She demonstrated during this process her excellent oral skills, being able to answer all the relevant questions asked by the members of the

R&D staff. She was able to distinguish the key issues relevant to the use of AI for breast cancer detection and got the green light to communicate with various institutes for dataset collection.
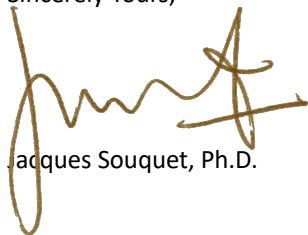
She also investigated federated learning as another approach to AI in ultrasound. She co-wrote a patent on Artificial Intelligence Integrated Diagnostic Platform Device in Ultrasound Modality. The main advantage of this approach is to transform the imaging device into an ideal platform to act as a node for federated learning. Anjie plans to further work on federated learning as a future successful approach to AI for data collection.

Anjie's integration into the R&D organization has been done very smoothly. She has been able to constructively interact with engineers and researchers to learn more about our challenges and coordinate activities as well with third-party companies we work with. She has supported me during some of my presentations either internally or during symposiums. She has written on her own a press release for a medical forum taking place in Beijing in which I participated as a presenter. She also helped me in putting together the material necessary for my professorship application at Peking University (PKU).

It was a real pleasure for me to have Anjie in the team. She is a young, energetic, dedicated individual not afraid to take on new challenges. She always asks the right questions when confronted with a technical issue, showing her understanding of the problem. I know she is now interested in pursuing a career in the medical field using data science to increase healthcare quality and performance at the point of care. Therefore, I do support her application to the program she is applying for. She will for sure be a very good recruit for the program.

If you have any further questions for clarification, feel free to contact me via E-mail.

Sincerely Yours,

Jacques Souquet, Ph.D.