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(54) **NOISE/VIBRATION REDUCTION DEVICE FOR TRANSFORMERS**

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(57) **ABSTRACT**

The present disclosure provides a noise/vibration reduction device for transformers. An inner space **12** may be formed inside a tank **10** constituting the exterior of a transformer. The noise/vibration reduction device **20** may be installed on inner surfaces of tank side walls **14** constituting the outer surfaces of the tank **10**. The reduction device **20** may include a plurality of support members **26**, **28**, **30** installed between a plurality of through hole plates **32**, **34**, **36**, whereby a first space **38**, a second space **40**, and a third space **42** may be formed between the through hole plates **32**, **34**, **36** and the tank side walls **14**. A first through hole **32'**, a second through hole **34'**, and a third through hole **36'** may be formed in the through hole plates **32**, **34**, **36**, respectively. By varying a diameter (D) and a length (T) of the through holes **32'**, **34'**, **36'** and a distance (L) between the through holes **32'**, **34'**, **36'**, noise having different frequencies may be removed from each of the through hole plates **32**, **34**, **36**.