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UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

ENVIROLOGIX INC., Petitioner,

V.

IONIAN TECHNOLOGIES, INC., Patent Owner.

Case IPR2018-00405 Patent 9,562,263

PATENT OWNER'S PRELIMINARY RESPONSE



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1.		es fails to disclose at least four claim limitations3		
	a.	Ehses does not disclose "obtaining from an animal, plant or food, a sample comprising a target nucleic acid"		
	b.	Ehses does not disclose a method of amplification "without first subjecting the target nucleic acid to a thermal denaturation step associated with amplification of the target polynucleotide sequence"6		
	c.	Ehses does not disclose "combining, in a single step, the obtained sample directly with an amplification reagent mixture or diluting the obtained sample and combining, in a single step, the diluted sample with an amplification reagent mixture"		
	d.	Ehses does not disclose "detecting the amplified target within 10 minutes of subjecting the reaction mixture to isothermal conditions"		
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2.		es-Dissertation fails to disclose at least three of the e claim limitations that are missing from Ehses16		
	a.	Ehses-Dissertation does not disclose "obtaining from an animal, plant or food, a sample comprising a target nucleic acid"		
	b.	Ehses-Dissertation does not disclose a method of amplification "without first subjecting the target nucleic acid to a thermal denaturation step associated with amplification of the target polynucleotide sequence"		
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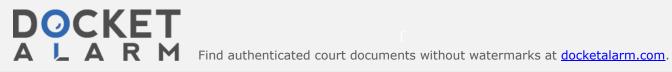


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