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UNITED STATES PATENT AND TRADEMARK OFFICE

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BEFORE THE PATENT TRIAL AND APPEAL BOARD

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FANTASIA TRADING LLC d/b/a ANKERDIRECT.  
("ANKER"),  
Petitioner

v.

SCRAMOGE TECHNOLOGY LTD.  
("SCRAMOGE"),  
Patent Owner

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Case IPR2022-00499  
Patent No. 7,825,537

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**DECLARATION OF TAMAS SZEPESI, Ph.D.**

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	[1.P] A method for inductively transferring power from a base unit providing input power, to a target unit providing output power, where the base unit and the target unit are electrically isolated, comprising: .....	70
	[1.1] positioning a second inductive element of said target unit within a predetermined distance of a first inductive element of said base unit;.....	71
	[1.2] applying a time varying electric current to said first inductive element to produce a time varying magnetic field, said time varying magnetic field induces an electric current in said second inductive element;.....	75
	[1.3] monitoring at least one parameter indicative of an efficiency of power transfer from said base unit to said target unit; .....	75
	[1.4] automatically adjusting at least one characteristic of said time varying electric current responsive to said parameter to maximize an efficiency of power transfer from said base unit to said target unit. ....	80
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	[12.1] a base unit comprising a first inductive element configured for providing input power to a second inductive element of a target unit providing output power, said base unit electrically isolated from said target unit; 93	
	[12.2] a positioning structure provided on at least one of said base unit and said target unit for removably positioning said second inductive element at a predetermined orientation and distance relative to said first inductive element; .....	94
	[12.3] a switch element configured for selectively applying a time varying electric current to said first inductive element to produce a time varying magnetic field, said time varying magnetic field inducing an electric current in said second inductive element; and .....	96
	[12.4] a control circuit configured for monitoring at least one parameter indicative of an efficiency of power transfer from said base unit to said target unit, and .....	97
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