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PATENT ASSIGNMENT

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------|----------------|
| Francesco Cottone | 11/26/2012 |
| Jeff Punch | 11/26/2012 |

RECEIVING PARTY DATA

| Name: | University of Limerick | |
|-----------------|----------------------------|--|
| Street Address: | Plassey Technological Park | |
| City: | Limerick | |
| State/Country: | IRELAND | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 12586937 |

CORRESPONDENCE DATA

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| ATTORNEY DOCKET NUMBER: | COTTONE 1-17 |
|-------------------------|----------------|
| NAME OF SUBMITTER: | John F. McCabe |

Total Attachments: 3

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> PATENT REEL: 029374 FRAME: 0387

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TO john gleeson

P.001

THIS ASSIGNMENT made the 26th day of November two thousand and twelve

FRANCESCO COTTONE an Italian citizen of Via Giovanni XXIII, 80, 62029

Tolentino (MC), Italy

AND JEFF PUNCH; an Irish citizen of Ashfort, Patrickswell, County Limerick,

Ireland

(hereinafter referred to as the "Assignors") of the One Part.

AND UNIVERSITY OF LIMERICK, a body established by the Universities Act 1997

of Plassey Technological Park, Limerick, Ireland (hereinafter referred to as the

"Assignee") of the Other Part.

WHEREAS the Assignors are inventors of an invention entitled "Energy

Harvester Apparatus having Improved Efficiency" (UL ref no.2006084)

(hereinafter referred to as the "Invention", which expression shall include all

technology, materials and know-how relating thereto).

AND WHEREAS the Assignors have agreed with the Assignee to assign to the

Assignee all their right, title, share and interest in and to the said Invention.

NOW THIS DEED WITNESSETH that in consideration of the premises and of

the sum of Ten Euro (£10.00) paid by the Assignee to the Assignors at or before

the signing of these presents (the receipt whereof the Assignors do hereby

acknowledge) the Assignors do hereby assign, transfer convey and set unto the

Assignee its successors and assigns all right, title, share and interest of the

Assignors in and to the said Invention with full power to the Assignee to apply for

and obtain letters patent, design registration and/or similar protection therefor in

its own name in any country of the world.

AND the Assignors hereby covenant with the Assignee that they shall, at the cost

of the Assignee, execute all further documents and do all such further things that

may be requested by the Assignee and as are necessary for the purpose of

enabling the Assignee to make application in its own name in any country of the

PATENT REEL: 029374 FRAME: 0388 world for letters patent, design registration and/or similar protection in respect of the said Invention.

IT IS HEREBY CERTIFIED that the rights hereby transferred are intellectual property (as defined in Section 101, Stamp Duties Consolidation Act 1999).

IN WITNESS of which the parties have executed this Deed on the day and year first above written.

SIGNED SEALED AND DELIVERED

by the said FRANCESCO COTTONE in the presence of:

Cammany Mannethia

COTTONE, FRANCESCO

(Witnesses)

SIGNED SEALED AND DELIVERED

by the said JEFF PUNCH

in the presence of:

(Witnesses)

ERIC DALTON

PUNCH, JEFF

Jeff lack

PATENT

REEL: 029374 FRAME: 0389

GIVEN UNDER THE COMMON SEAL OF

University of Limerick

in the presence of:

Director/

Director/Secretary

PATENT REEL: 029374 FRAME; 039003