

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2818764

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JOSEPH HELSZAJN	02/03/2014
RECEIVING PARTY DATA	
Name:	APPOLLO MICROWAVES, LTD.
Street Address:	1650 TRANS-CANADA HIGHWAY
City:	DORVAL, QUEBEC
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14105466
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NAME OF SUBMITTER:	EDMUND J. WALSH
SIGNATURE:	/Edmund J. Walsh/
DATE SIGNED:	04/17/2014
Total Attachments: 2	
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CONFIRMATORY ASSIGNMENT

WHEREAS, **Dr. Joseph Helszajn**, citizen of the United Kingdom, residing at 4 Easter Belmont Road, Edinburgh, Scotland, EH12 6EX, hereinafter referred to as the "Assignor", has made an invention as described and claimed in the following patent applications, hereinafter referred to as the "Applications":

Title	Filing Date	Country/Region or PCT	Serial Number
NON-RECIPROCAL GYROMAGNETIC PHASE SHIFT DEVICES USING MULTIPLE FERRITE-CONTAINING SLABS	December 13, 2013	United States	14/105,466
NON-RECIPROCAL GYROMAGNETIC PHASE SHIFT DEVICES USING MULTIPLE FERRITE-CONTAINING SLABS	December 13, 2013	Canada	T.B.D

AND WHEREAS, Apollo Microwaves Ltd., whose full post office address is 1650 Trans-Canada Highway, Dorval, Québec, H9P 1H7, (hereinafter referred to as the "Assignee"), is desirous of confirming acquisition of the entire right, title, and interest in and to the invention, and in and to the Applications inclusive of any continuations or divisions thereof and all priority rights derived therefrom, for any and all countries in the world, and in and to any and all corresponding patent applications and any continuations or divisions thereof filed in any and all countries in the world, and in and to any and all patents issuing in any and all countries of the world, to be granted for the invention based on the Applications or on corresponding patent applications;

NOW, THEREFORE, in consideration of the sum of ten Canadian dollars (\$10.00), and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the Assignor hereby confirms having sold, assigned and transferred to the Assignee, its successors and assigns, its entire right, title, and interest in and to the invention, and in and to the Applications inclusive of any continuations or divisions thereof and all priority rights derived therefrom, and in and to any and all corresponding patent applications and any continuations or divisions thereof filed in any and all countries in the world, and in and to any and all patents which may be granted for the invention in any and all countries in the world, and in and to any and all reissues, substitutions, or prolongations thereof; the same to be held and enjoyed by the Assignee for its own use and behalf, and for the use and behalf of its successors and assigns, to the full end of the term or terms for which the patent, or reissues, substitutions or prolongations thereof may be granted, as fully and entirely as the same would have been held and enjoyed by the Assignor had no sale, assignment or transfer been made;

AND the Assignor hereby agrees, upon request, and without further consideration, but at the expense of the Assignee, to communicate to the Assignee or its representatives or nominees any facts known to it respecting the invention and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths and generally aid the Assignee, its successors, assigns, and nominees to obtain and enforce proper patent protection for the invention in all countries, and the Assignor further agrees to execute any and all further papers which may be necessary or desirable to vest or perfect the title of the Assignee, its successors and assigns, in and to the invention, and in and to any and all patents, or

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reissues, substitutions or prolongations thereof, which may be granted for the invention in any and all countries in the world;

AND the Assignor hereby authorizes and requests any official whose duty it is to issue patents to issue each and every patent to be granted for the invention in any and all countries, and each and every reissue, substitution or prolongation of such patent, to the Assignee, its successors and assigns;

AND the Assignor hereby authorizes the firm of SMART & BIGGAR whose full post office address is 1000 De La Gauchetière West, Suite 3300, Montreal, Quebec, H3B 4W5, CANADA to correct clerical errors in the Assignment or to insert any further identification or other information necessary or desirable to make the Assignment suitable for recordal at the Canadian Intellectual Property Office or the United States Patent and Trademark Office;

THIS Assignment is made effective as of December 13, 2013.

AS agreed by both the Assignee and the Assignor, this Assignment has been drawn up in English. *Tel que convenu par le cessionnaire et le cédant, cette cession a été rédigée en anglais.*

SIGNED this 3 day of Feb., 2014

Joseph Helszajn
Dr. Joseph Helszajn

DECLARATION OF WITNESS

I, TAN G EDMONSTONE, whose full postal address is 39 CARFRAE GARDEN, EDINBURGH EAST hereby declare that I was personally present and did see Dr. Joseph Helszajn, who is personally known to me to be the person named in this Assignment, sign and execute same.

Declared at Edinburgh, this 3 day of Feb. 2014.
(Locality)

T G Edmonstone
Witness signature