

# PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Mykhailo Zarudniev	11/28/2011
Eric Colinet	11/28/2011
Patrick Villard	11/28/2011
<b>RECEIVING PARTY DATA</b>	
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State/Country:	FRANCE
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<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	13327388
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Total Attachments: 2 source=12100_Assignment#page1.tif source=12100_Assignment#page2.tif	

CH \$40.00 13327388

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**PATENT**  
**REEL: 027389 FRAME: 0581**

## ASSIGNMENT

I, Mykhailo ZARUDNIEV, a citizen of Ukraine residing at 61A rue Geroïv  
Stalingrada App.34, 04213 KIEV - Ukraine

I, Eric COLINET , a citizen of France residing at 163 rue Herzog -  
76230 Bois-Guillaume - France

I, Patrick VILLARD, a citizen of France residing at 37 rue du DOYEN  
GOSSE, 38700 LA TRONCHE - France

and each of us, if more than one person is identified above (hereinafter "ASSIGNOR")  
for good and valuable consideration, the sufficiency of which and receipt of which are  
hereby acknowledged, paid to ASSIGNOR by

### COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES

a Corporation organized under the laws of France located at 25, rue Leblanc, Bâtiment  
"Le Ponant D", Paris, 75015 - France, (hereinafter "ASSIGNEE"), do hereby sell and  
assign to said ASSIGNEE, its successors and assigns, the entire indicated right, title,  
and interest, in and to my Invention entitled:

### OSCILLATING CIRCUIT WITH GIANT MAGNETORESISTANCE EFFECT JUNCTIONS

invented by me/us and described in French patent application n° **1060599**, filed  
**December 16, 2010**; including any United States patent application claiming priority  
thereto and bearing the above title as filed by me/us concurrently herewith; I/we  
hereby authorize and request the attorney(s) to whom I/we have granted power(s)  
which is (are) attached hereto, to insert on the designated lines below, the filing date  
and application number of said United States application when known;

which was filed on \_\_\_\_\_ as  
PCT Application Number \_\_\_\_\_ or/and  
United States Application Number \_\_\_\_\_ ;

and all patents, divisions, reissues, continuations, continuations-in-part and any extensions thereof and  
rights of priority therein, including the right to sue for past infringement and any such recovery, said  
interest being my entire ownership interest in the same, to be held and enjoyed by said ASSIGNEE, its  
successors, assigns, or other legal representatives, to the full end of the term thereof, as fully and


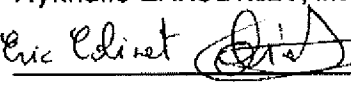
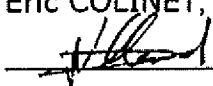
entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made, including all rights of ASSIGNOR to recover for past infringement thereof;

And for the consideration aforesaid, I/we hereby covenant and agree to and with said ASSIGNEE, its successors and assigns, that whenever ASSIGNEE, its counsel or representative, or the counsel or representative of its successors or assigns, shall advise that an amendment to, or a division of, or any other proceeding or action in connection with an application concerning said Invention, including interference proceedings, is lawful and desirable, or that a reissue or continuation or extension of such application or patent issuing therefrom is lawful and desirable, I/we will sign all papers and drawings, take all rightful oaths and affidavits, and do all acts necessary or required to be done for the procurement of all lawful rights associated with the Invention, or for the reissue or continuation or extension of the same, will do all acts necessary or required to secure in said ASSIGNEE, its successors or assigns, the title to and full benefit of all rights hereby assigned, without charge to said ASSIGNEE or its successors or assigns, but at its or their expense and that I will not execute any writing or do any act whatsoever conflicting with these presents,

And I/we hereby authorize and request the Commissioner of Patents and Trademarks and any other granting authority to issue any Letters Patent resulting from said Invention and application(s) concerning same to said ASSIGNEE.

This assignment shall have an effective date corresponding to the last date of execution.

I/we declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that I/we have signed this document as my/our own free act and that all of the foregoing is true and correct.

Dated: <u>28 Novembre 2011</u>	 Mykhailo ZARUDNIEV, Inventor
Dated: <u>28 Novembre 2011</u>	 Eric COLINET, Inventor
Dated: <u>28 Novembre 2011</u>	 Patrick VILLARD, Inventor