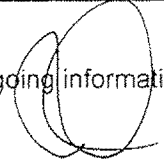


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To the Director, U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party:</p> <p>1. Philippe Couvee 2. Yann Kalemkarian 3. Benoit Welterlen</p> <p>Additional name(s) of conveying party(ies) attached? () Yes (X) No</p>	<p>2. Name and address of receiving party:</p> <p>Name: BULL SAS Street Address: Rue Jean Jaures</p> <p>City: Les Clayes Sous Bois Country: France</p> <p>Additional name(s) of receiving party(ies) attached? () Yes (X) No</p>
<p>3. Nature of conveyance:</p> <p>(X) Assignment () Security Agreement () Merger () Change of Name</p> <p>Execution Date:</p> <p>1. June 26, 2012 2. July 19, 2012 3. June 26, 2012</p>	<p>4. US or PCT Application number(s) or US Patent number(s):</p> <p>(X) Patent Application No.: 13/581279 Filing Date: August 24, 2012</p> <p>Additional numbers attached? () Yes (X) No</p>
<p>5. Party to whom correspondence concerning document should be mailed:</p> <p>Customer No. 20,995 Address: Knobbe, Martens, Olson & Bear, LLP 2040 Main Street, 14th Floor Irvine, CA 92614 Return Fax: (949) 760-9502 Attorney's Docket No.: SANREL20.007APC</p>	<p>6. Total number of applications and patents involved: 1</p>
<p>7. Total fee (37 CFR 1.21(h)): \$40 (X) Authorized to be charged to deposit account</p>	<p>8. Deposit account number: 11-1410 Please charge this account for any additional fees which may be required, or credit any overpayment to this account.</p>
<p>9. Statement and signature.</p> <p>To the best of my knowledge and belief, the foregoing information is true and correct, and any attached copy is a true copy of the original document.</p> <p><u>John M. Carson</u> Name of Person Signing</p> <p> Signature</p> <p><u>8/24/12</u> Date</p> <p>34,303 Registration No.</p> <p>Total number of pages including cover sheet, attachments and document: 3</p>	

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PATENT

ASSIGNMENT

WHEREAS, I/WE

- (1) Philippe COUVEE, a French citizen, residing at: 2, Chemin des Tourterelles, F-38190 VILLARD BONNOT, France
- (2) Yann KALEMKARIAN, a French citizen, residing at: 34, rue de Stalingrad, F-38100 GRENOBLE, France
- (3) Benoît WELTERLEN, a French citizen, residing at: 46, rue Pierre Sépard, F-38000 GRENOBLE, France

hereinafter referred to as Assignor (collectively if more than one inventor is listed above), have invented certain new and useful improvements in _____

of which:

- (a) was executed on even date herewith;
- (b) was filed on _____ as Application No. _____ or Express Mail No., as Application No. not yet known _____ and was amended on _____ (if applicable); or
- (c) was described and claimed in PCT International Application No. PCT/FR2011/051616 filed on July 7, 2011 and as amended under PCT Article 19 on _____ (if any) and/or under PCT Article 34 on _____ (if any).

AND WHEREAS, BULL SAS, with its principal place of business at Rue Jean Jaurès, F-78340 LES CLAYES SOUS BOIS, France, (hereinafter referred to as Assignee) desires to acquire the entire right, title, and interest in and to the said improvements with respect to the United States of America, its territories and possessions.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor hereby acknowledges that it has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title, and interest in the United States of America, and its territories and possessions in, to and under said improvements, and any Patent Applications in the United States of America and all divisions, renewals and continuations thereof, and all Patents of the United States of America which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions; and Assignor hereby authorizes and requests the Commissioner of Patents of the United States of America to issue all Patents for said improvements to Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR HEREBY covenants and agrees that it will communicate to Assignee, its successors, legal representatives and assigns, any facts known to it respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in the United States of America.

IN TESTIMONY WHEREOF, Assignor intending to be legally bound has hereunto affixed its signature.

This 26th day of JUNE, 2012

Ph. Couvee
Signature of first inventor (Philippe COUVEE)

Signature of Witness: [Signature]

Printed Name of Witness: MIREILLE CHEINET

This 19 day of July, 2012 [Signature]
Signature of second inventor (Yann KALEMKARIAN)

Signature of Witness: [Signature]

Printed Name of Witness: CANTAGALLO Cardino

This 26th day of June, 2012 [Signature]
Signature of first inventor (Benoit WELTERLEN)

Signature of Witness: [Signature]

Printed Name of Witness: Oduthier DELERCE

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