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M COVER SHEET

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PATENT'S ONLY

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Bruce Francis ORR

9.9.02

2. Name and address of receiving party(ies):

ALCATEL
54, Rue La Boetie
75008 Paris, FRANCE

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
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Execution Date: August 23, 2002

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4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)
10/168,509

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

SUGHRUE MION, PLLC
2100 Pennsylvania Avenue, N.W.
Suite 800
Washington, D.C. 20037-3213

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41): \$40.00

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David J. Cushing

Reg. No. 28,703

September 9, 2002

Date

Total number of pages including cover sheet, attachments, and documents: 2

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks
Box Assignment
Washington, D.C. 20231

Assignment

Whereas, I/We, Bruce Francis ORR, of Balgowlah NSW Australia, hereinafter called assignor(s), have invented certain improvements in A Bidirectional Bipolar Transistor Switch Arrangement, and executed an application for Letters Patent of the United States of America therefor on _____; and

Whereas, ALCATEL
54, rue La Boétie
75008 PARIS
France

(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and I/we request the Director – U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number 10/168509 and Confirmation number 9679, filed June 21, 2002) the filing date and application number of said application when known.

Date: 23rd August 2002 Bruce Orr
s/Bruce Francis ORR

Date: _____
s/

Date: _____
s/

Date: _____
s/

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)