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U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark OfficeOMB No. 0651-0027 (exp. 5/31/2002)
U.S. DEPARTMENT OF COMMERCE

102410544

Our File No. 18-40 US

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

1. Name of conveying party(ies):

1) Xinping Huang

2) Mario Caron

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

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other:

2. Name and address of receiving party(ies)

Name: Her Majesty in Right of
Canada as Represented by the
Minister of IndustryStreet Address: Communications Research
Centre
Box 11490, Station H

City: Ottawa

Province: Ontario

Postal Code: K2H 8S2

Country: Canada

Execution Date: March 25, 2003

Additional name(s) & address(s) attached? ☐ Yes ☒ No

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: March 25, 2003

A. Patent Application No.(s):

B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom correspondence
concerning document should be mailed:

Name: Freedman & Associates

Street Address: 117 Centrepointhe Drive, Suite 350

City: Nepean

Province: Ontario

Postal Code: K2G 5X3

Country: Canada

6. Total number of applications and patents involved: 1

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

☒ Authorized to be charged to deposit account

8. Deposit account number:

50-1142

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account)

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9. Statement and signature.

*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.*

Gordon Freedman, Reg. No. 41,553

(Name of Person Signing)

(Signature)

March 25, 2003

(Date)

Total number of pages including cover sheet, attachments, and documents: 3

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Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231PATENT
REEL: 013912 FRAME: 0044

Assignment of Invention

Our File No. '18-44 US

**ASSIGNMENT OF INVENTION
UNIVERSAL****WHEREAS, We**

Xinping Huang, whose full post office address is
53 Northgate Street, Nepean, Ontario, K2G 6C8, Canada

Mario Caron, whose full post office address is
65 rue Adelbert-Dumoulin, Aylmer, Quebec, J9H 5K4, Canada

have invented certain improvements in and described in a Patent Application entitled **Type-Based Baseband Predistorter Function Estimation Technique for Non-linear Circuits** filed herewith, and;

WHEREAS, Her Majesty in Right of Canada as represented by the Minister of Industry, (hereinafter referred to as the assignee), whose full post office address is Communications Research Centre, P.O. Box 11490, Station H, Ottawa, Ontario, K2H 8S2, Canada, is desirous of acquiring the entire right, title and interest in and to said invention or inventions and in and to any and all patents to be obtained therefor;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other valuable consideration, the receipt of which is hereby acknowledged, we have and by these presents do hereby sell, assign and transfer unto said assignee, its successors and assigns, the entire right, title and interest in and to said invention or inventions, as described in the aforesaid application, in any form or embodiment thereof, and in and to the aforesaid application, and in and to any applications filed in any foreign country based thereon, including the right to file said foreign applications under the provisions of the International Convention; also the entire right, title and interest in and to any and all patents, reissues or extensions thereof to be obtained in this or any foreign country upon said invention or inventions, and any divisional, continuation, substitute application(s) or supplementary disclosure(s) which may be filed upon said invention or inventions, in any country; and we hereby authorize and request the issuing authority to issue any and all patents on said application or applications to said assignee.

WE FURTHER AGREE without any payment by said assignee other than expenses incurred by the undersigned, to communicate to said assignee, its representatives or agents, any facts relating to said invention or inventions, including evidence for interference purposes or for other proceedings, whenever requested; testify in any interference or other proceedings, whenever requested; and execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective, and likewise make these provisions binding upon our heirs, legal representatives, administrators and assigns.

Assignment of Invention

Our File No. 18-44 US

WITNESS:

RICHARD PAIEMENT
Printed name of Witness
Richard
Signature of Witness

Xinping Huang Date: 25/03/03

WITNESS:

RICHARD PAIEMENT
Printed name of Witness
Richard
Signature of Witness

Mario Caron Date: 25/03/03
Mario Caron