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PATENT REEL: 015160 FRAME: 0578 FILE NO. 16716ROUS01U UNITED STATES

PATENT APPLICATION **ASSIGNMENT**

FOR VALUABLE CONSIDERATION, the receipt of which is hereby acknowledged, I (we) the undersigned, whose full post office address(es) is(are) listed below my (our) name(s), do hereby sell, assign and transfer to:

NORTEL NETWORKS LIMITED

(hereinafter "Nortel"), its successors, assigns and legal representatives, whose full post office address

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all their right, title, and interest worldwide in and to the invention relating to

METHOD AND APPARATUS FOR ASSIGNING AND ALLOCATING NETWORK RESOURCES TO LAYER 1 VIRTUAL PRIVATE NETWORKS

as described in an application for letters patent filed concurrently herewith or filed in (Insert Country) on (Insert Date) and given serial number (Insert Serial Number), as well as all rights and privileges including priority rights arising from the aforesaid application and corresponding applications in other countries, all continuations, continuations-in-part, divisions, renewals, substitutes or reissues thereof, and all the rights and privileges under any and all letters patent that may be granted for said invention.

I (We) undertake without charges to Nortel but at its request and expense to execute all documents, take all oaths and do all reasonable acts to enable Nortel, its successors assigns and legal representatives to procure and maintain patent or any other intellectual property protection for said invention in any and all countries and to vest title thereto to Nortel, its successors assigns and legal representatives.

THE UNDERSIGNED hereby authorizes the firm associated with Customer Number 34645, John C. Gorecki, Esq. whose full office address is 165 Harvard St., Newton, MA 02460, to correct errors in this Assignment or to insert any further identification or other information necessary or desirable to make this Assignment suitable for recordal in a domestic or foreign Patent Office.

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Malcolm Betts

Jungles Chen-

2004/03/2

Date

WANG-HSIN PENG

Witness Name (Print)

Stephen Shew

Witness Signature

- 2004/03/23

Date

GRAHAM C COPLEY

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