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FORM PTO-1594
(Rev. 6-93)
OMB No. 0651-0011 (exp. 4/94)



101145887

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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

1. Name of conveying party(ies):
Network Essentials, Inc.
 individual(s) Association
 General Partnership Limited Partnership
 Corporation-State of California
 Other _____
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
Name: Network Essentials, Inc.
Internal Address: 1405 South Milpitas Blvd.
Street Address: Milpitas, CA 95035
 Individual(s) citizenship _____
 Association _____
 General Partnership _____
 Limited Partnership _____
 Corporation-State of De _____
 Other _____
09-07-1999
U.S. Patent & TMO/TM Mail Rcpt Dt. #64

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date: September 24, 1998

If assignee is not domiciled in the U.S., a
representative designation is attached: yes no
(Designations must be a separate document from assignment)
Additional name(s) & address(es) attached? Yes No

4. Application number(s) or registration number(s):
A. Trademark Application No.(s)
B. Trademark Registration No.(s)
1,995,321
2,050,831
2,066,930
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence
Concerning document should be mailed:
Name: David Wolf
Address: WOLF, GREENFIELD & SACKS, P.C.
Federal Reserve Plaza
600 Atlantic Avenue
Boston, MA 02210

6. Total number of applications and registrations
involved:..... [3]
7. Total fee (37 CFR 3.41).....\$ \$90.00
 Enclosed
 Authorized to be charged to deposit account
The Commissioner is authorized to charge:
8. Deposit Account No: 23/2825

09/13/1999 MTHA11 00000312 1995321

DO NOT USE THIS SPACE

01 FC:401 40.00 DP
02 FC:402 50.00 DP

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.
David Wolf, Reg. No. 17,528 Signature September 7, 1999

Total number of pages including cover sheet, attachments, and document: [3]

Mail documents to be recorded with required cover sheet information to:
Box Assignment, Commissioner of Patents and Trademarks,

ASSIGNMENT

WHEREAS, Network Essentials, Inc. (formerly known as T & R Integrated Products, Inc., and doing business as Red Hawk), a California corporation (the "Seller"), having an office and place of business at 1405 South Milpitas Blvd., Milpitas, California 95035 has adopted and used the marks and trademark Registrations in the attached Schedule A;

WHEREAS, Network Essentials, Inc., a Delaware corporation (the "Acquiror"), is desirous of acquiring said mark and the registrations therefor;

NOW, THEREFORE, for good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, Seller does hereby assign to Acquiror, all its rights, title and interest in and to the said marks and the registrations therefor and including all rights to sue and recover for past infringement of said marks and the registrations therefor.

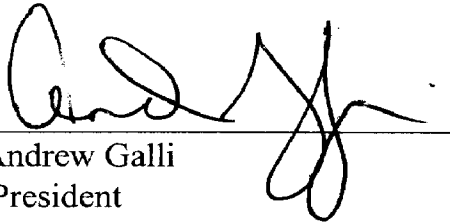
This transfer is effective as of September 24, 1998.

Dated: September 24, 1998

NETWORK ESSENTIALS, Inc. (d/b/a/ Red Hawk),
a California corporation

By: _____

Andrew Galli
President

A handwritten signature in black ink, appearing to read 'Andrew Galli', written over a horizontal line. The signature is stylized and cursive.

- Reg. No. 2,066,930: "Concept One Fiber Management System"
- Reg. No. 2,050, 831: "accuSplice"
- Reg. No. 1,995,321: "Red Hawk" (w/ logo)