



**UNITED STATES DEPARTMENT OF COMMERCE
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
08/927,336	09/11/97	LAWLER	SYNER-118XX

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EXAMINER
MOISE, E

ART UNIT PAPER NUMBER
2786

DATE MAILED: 11/09/98

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

Office Action Summary	Application No. 08/927,336	Applicant(s) Lawler et al.
	Examiner Emmanuel L. Moise	Group Art Unit 2786

Responsive to communication(s) filed on Aug 3, 1998

This action is **FINAL**.

Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11; 453 O.G. 213.

A shortened statutory period for response to this action is set to expire 3 month(s), or thirty days, whichever is longer, from the mailing date of this communication. Failure to respond within the period for response will cause the application to become abandoned. (35 U.S.C. § 133). Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

Disposition of Claims

Claim(s) 1-26 is/are pending in the application.
Of the above, claim(s) _____ is/are withdrawn from consideration.

Claim(s) 8-26 is/are allowed.

Claim(s) 1-7 is/are rejected.

Claim(s) _____ is/are objected to.

Claims _____ are subject to restriction or election requirement.

Application Papers

See the attached Notice of Draftsperson's Patent Drawing Review, PTO-948.

The drawing(s) filed on _____ is/are objected to by the Examiner.

The proposed drawing correction, filed on _____ is approved disapproved.

The specification is objected to by the Examiner.

The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).

All Some* None of the CERTIFIED copies of the priority documents have been

received.

received in Application No. (Series Code/Serial Number) _____.

received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

*Certified copies not received: _____

Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Attachment(s)

Notice of References Cited, PTO-892

Information Disclosure Statement(s), PTO-1449, Paper No(s) _____

Interview Summary, PTO-413

Notice of Draftsperson's Patent Drawing Review, PTO-948

Notice of Informal Patent Application, PTO-152

--- SEE OFFICE ACTION ON THE FOLLOWING PAGES ---

DETAILED ACTION

1. Claims 1-26 are presented for examination.

Specification

2. The abstract is objected to because it uses language which can be implied "A method ... is disclosed".

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103© and potential 35 U.S.C. 102(f) or (g) prior art under 35 U.S.C. 103(a).

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4. Claims 1-7 are rejected under 35 U.S.C. 103(a) as being unpatentable over Rostoker et al. (5,708,659).

As per claims 1-7, Rostoker et al. substantially disclose the claimed method. In particular, Rostoker et al. disclose a method for hashing in a packet network switching system, wherein a decoder parses a bistream, separating out the sync, header information, allocations, and scale factors, performs CRC check, and removes ancillary data (see column 35, lines 8-11,). See also Fig.'s 30, 46, and 47 for more details. It is noted that Rostoker et al. do not explicitly disclose to compare the CRC code to at least one entry within a cache and in the event of a match to further process as recited in lines 16-23 of claim 1. However, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to implement the claimed invention by incorporating the above limitation in Rostoker et al.'s method because one of ordinary skill in the art is well aware of the many ways that the CRC check can be used to provide better performance in network devices.

Allowable Subject Matter

5. Claims 8-26 are allowable over the prior art of record.

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Conclusion

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Isfeld et al. (5,802,278)

Yanai et al. (5,742,792)

Malladi (5,598,541), see column 4, lines 14-19.

Rostoker et al. (5,640,399), see column 67, lines 34-43.

Ghosh et al. (5,469,555)

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Emmanuel L. Moise whose telephone number is (703)305-9763. The examiner can normally be reached on Monday - Thursday from 08:30 a.m. - 5:00 p.m.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Reba I. Elmore, can be reached on (703)305-9706. Any response to this action should be mailed to: Commissioner of Patents and Trademarks Washington, D.C. 20231, or faxed to: (703) 308-9051, (for formal communications intended for entry), Or: (703) 305-9724 (for informal or draft communications, please label "PROPOSED" or "DRAFT").

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal Drive, Arlington, VA., Sixth Floor (Receptionist). The facsimile phone number for this group is (703) 308-5357.

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