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12/481,847 10 June 2009 (10.06.2009) US(71) Applicant (for all designated States except US): **NET OPTICS, INC** [US/US]; 5303 Betsy Ross Drive, Santa Clara, California 95054 (US).

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[Continued on next page]

(54) Title: INTEGRATED SWITCH TAP ARRANGEMENT WITH VISUAL DISPLAY ARRANGEMENT AND METHODS THEREOF

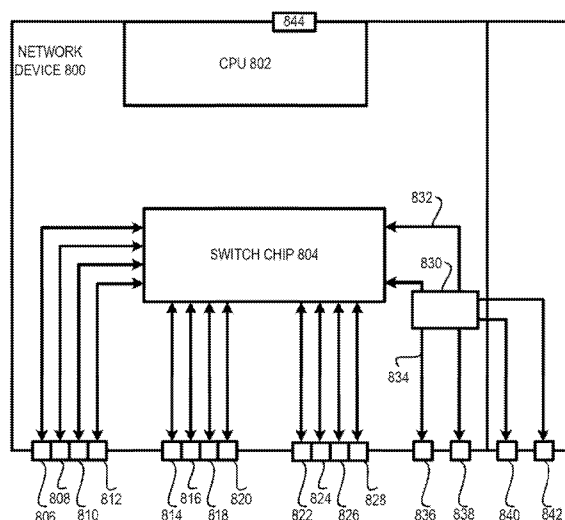


FIG. 8

(57) Abstract: An arrangement in a network device for monitoring network traffic is provided. The arrangement includes a set of network ports, which includes a set of input network ports for receiving the network traffic and a set of output network ports for outputting the network traffic from the network device. The arrangement also includes a switch chip, wherein the switch chip is configured at least for analyzing the network traffic. The arrangement further includes a set of monitoring ports, which is configured to receive the network traffic from the set of network ports. The arrangement yet also includes a tap module, which is configured at least for intercepting at least part of the network traffic flowing through the network device and forwarding at least part of the network traffic to at least one of the set of monitoring ports.

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2010/037985**A. CLASSIFICATION OF SUBJECT MATTER****H04L 12/26(2006.01)i, H04L 12/56(2006.01)i**

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

H04L 12/26; H04J 1/16; H04L 12/413; H04L 12/28

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS(KIPO internal) & Keywords:network tap, visual display, switch

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2005-0271065 A1 (TOM GALLATIN et al.) 08 December 2005 See abstract, paragraphs [0040], [0073-108]; claims 1,5,8; figs. 7,10.	1-20
A	US 2006-0233115 A1 (ELDAD MATITYAHU et al.) 19 October 2006 See abstract, paragraphs [0023-0035], [0045-0048]; claims 1,9,10; figs. 1,2.	1-20
A	US 2007-0081549 A1 (CHRISTOPHER CICCHETTI et al.) 12 April 2007 See paragraphs [10-14], [55]; claims 8,11.	1-20



Further documents are listed in the continuation of Box C.



See patent family annex.

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2005-0271065 A1	08. 12. 2005	US 2009-135835 A1 US 7440467 B2	28. 05. 2009 21. 10. 2008
US 2006-0233115 A1	19. 10. 2006	None	
US 2007-0081549 A1	12. 04. 2007	None	