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**APPLICATION NUMBER: 60/905,526**

**FILING DATE: March 06, 2007**

**RELATED PCT APPLICATION NUMBER: PCT/US08/56064**

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**PROVISIONAL APPLICATION FOR PATENT COVER SHEET – Page 1 of 2**

This is a request for filing a PROVISIONAL APPLICATION FOR PATENT under 37 CFR 1.53(c).

U.S. PTO  
60/905526  
03/06/2007

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INVENTOR(S)		
Given Name (first and middle [if any])	Family Name or Surname	Residence (City and either State or Foreign Country)
Venkat	Konda	San Jose, CA
Additional inventors are being named on the _____ separately numbered sheets attached hereto		
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Direct all correspondence to: <b>CORRESPONDENCE ADDRESS</b>		
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Address <b>6278, Grand Oak Way</b>		
City <b>San Jose</b>	State <b>CA</b>	Zip <b>95135</b>
Country <b>USA</b>	Telephone <b>408-472-3273</b>	Email <b>venkat@teaknetworks.com</b>
<b>ENCLOSED APPLICATION PARTS (check all that apply)</b>		
<input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76 <input type="checkbox"/> CD(s), Number of CDs _____		
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SIGNATURE

*Venkat Konda*

Date 3/6/2007

TYPED or PRINTED NAME Venkat Konda

REGISTRATION NO. \_\_\_\_\_  
(if appropriate)

TELEPHONE 408-472-3273

Docket Number: M-0036 US

**LARGE SCALE CROSSPOINT REDUCTION WITH NONBLOCKING  
UNICAST & MULTICAST IN ARBITRARILY LARGE MULTI-STAGE  
NETWORKS**

5

**Venkat Konda****BRIEF DESCRIPTION OF DRAWINGS**

FIG. 1A is a diagram of an exemplary multi-stage symmetrical network of five stages with  $N = 8$  and  $d = 2$  with exemplary unicast and multicast connections, strictly nonblocking network for unicast connections and rearrangeably nonblocking network for arbitrary fan-out multicast connections, in accordance with the invention.

FIG. 1B is a diagram of a general symmetrical multi-stage network with  $(2 \times \log_d N) - 1$  stages strictly nonblocking network for unicast connections and rearrangeably nonblocking network for arbitrary fan-out multicast connections in accordance with the invention.

FIG. 2A is a diagram of an exemplary multi-stage symmetrical network of five stages with  $N = 8$  and  $d = 2$  with exemplary unicast and multicast connections, strictly nonblocking network for unicast and arbitrary fan-out multicast connections, in accordance with the invention.

FIG. 2B1 & FIG. 2B2 is a diagram of a general symmetrical multi-stage network with  $(2 \times \log_d N) - 1$  stages strictly nonblocking network for unicast and arbitrary fan-out multicast connections in accordance with the invention.

FIG. 3A is a diagram of an exemplary multi-stage symmetrical network of five stages with  $N = 8$  and  $d = 2$ , rearrangeably nonblocking network for unicast connections, in accordance with the invention.

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