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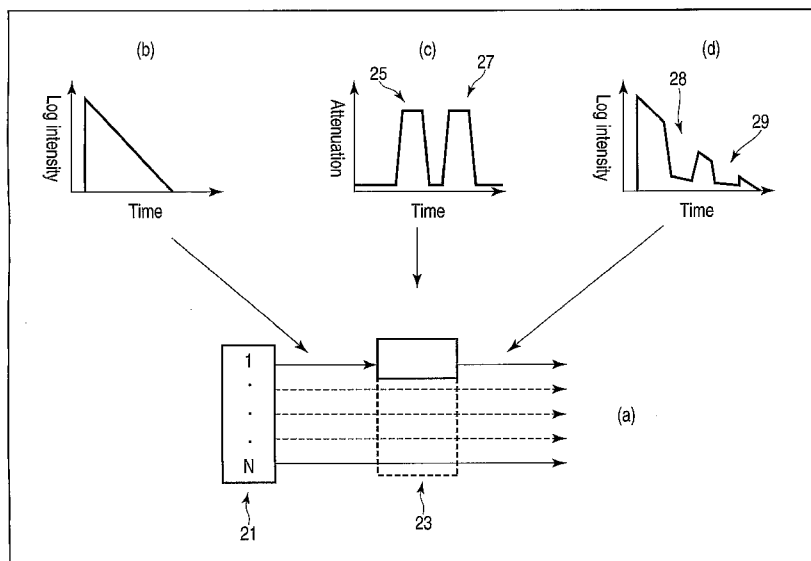


FIG. 2

(57) Abstract: A quantum information system comprising a source of time dependent entangled photons, and timing means configured to indicate the entangled state of the entangled photons based on the emission time of one or more of the entangled photons.

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INTERNATIONAL SEARCH REPORT

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C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	AKOPIAN N ET AL: "Correlated and entangled pairs of single photons from semiconductor quantum dots" JOURNAL OF APPLIED PHYSICS AIP USA, vol. 101, no. 8, 15 April 2007 (2007-04-15), pages 81712/1-4, XP002542858 ISSN: 0021-8979 the whole document ----- -/--	1-20
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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>SANAKA K ET AL: "Experimental probabilistic manipulation of down-converted photon pairs using unbalanced interferometers" PHYSICAL REVIEW A (ATOMIC, MOLECULAR, AND OPTICAL PHYSICS) APS THROUGH AIP USA, vol. 66, no. 4, October 2002 (2002-10), pages 040301/1-4, XP002542860 ISSN: 1050-2947 pages 040301-1, left-hand column, line 1 - pages 040301-3, left-hand column, line 1; figures 1,2</p> <p style="text-align: center;">-----</p>	1-20
A	<p>INOUE K ET AL: "Entanglement-based quantum key distribution without an entangled-photon source" PHYSICAL REVIEW A (ATOMIC, MOLECULAR, AND OPTICAL PHYSICS) APS THROUGH AIP USA, vol. 67, no. 6, June 2003 (2003-06), pages 62319/1-4, XP002542861 ISSN: 1050-2947 pages 062319-1, left-hand column, line 1 - pages 062319-2, right-hand column, line 39; figure 1</p> <p style="text-align: center;">-----</p>	1-20