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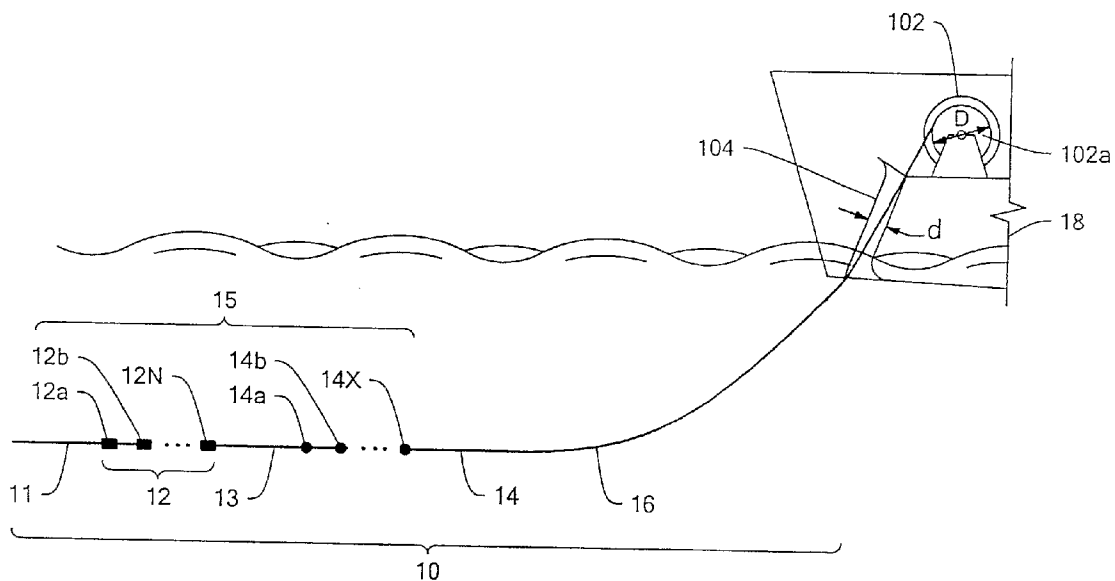
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Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for all designations
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for all designations

[Continued on next page]

(54) Title: SONAR ARRAY SYSTEM



(57) Abstract: The sonar array system includes a receive array of hydrophones and a transmit array of acoustic projectors disposed on a common axis. The sonar array system can be coupled to a ship and deployed and recovered from a single winch and through a single ship hull penetrator. When towed through water by the ship, the sonar array system provides a substantially horizontal transmit/receive array.

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