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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))*

[Continued on next page]

(54) Title: SYSTEM AND METHOD FOR POWER SHARING FRONT-END CONVERTERS WITHOUT COMMUNICATION LINK IN A MODULAR-STACKED DC TRANSMISSION SYSTEM

(57) Abstract: A sub- sea power transmission/distribution network includes a plurality of standard proven power converter building blocks (12) on each of the power source side (16) and the sub- sea load side (22). The power source side converters and the sub -sea load side converters are each configured to provide a modular stacked dc (MSDC) converter architecture. The power source side converters are further configured to share the load equally or in proportion to their individual power ratings. The configurations are based on corresponding droop curves representative of MSDC link current magnitude data and average output voltage data of the power source side converters.

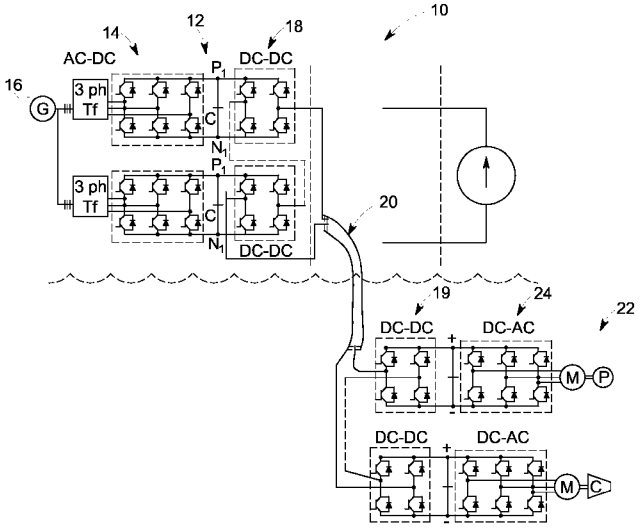


FIG. 1

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— *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

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