

ABSTRACT

A MESSAGE ALIASING FUNCTION FOR USE IN AN INFORMATION PROCESSING SYSTEM

A message aliasing function for use in an information processing system having an operating system employing a message passing protocol, comprising means for intercepting operating system level messages sent to predetermined message receivers, the operating system providing an original callback function for each message receiver; means for creating a shadow callback function, and for saving, and then replacing, the original callback function with the shadow callback function the first time a message is intercepted for a predetermined message receiver; and means for creating and substituting an alias message in place of the intercepted message and for sending the alias message to the intended receiver of the intercepted message.

Fig. 1