$$\langle \langle \langle a, b \rangle, \langle c, d \rangle \rangle$$

$$(A \times B) \times (C \times D)$$

$$as_{A,B,C} \times id_{D} \downarrow$$

$$(A \times (B \times C)) \times D$$

$$as_{A,B,C} \times id_{D} \downarrow$$

$$(A \times (B \times C)) \times D$$

$$as_{A,B,C} \times id_{D} \downarrow$$

$$(A \times (B \times C)) \times D$$

$$as_{A,B,C} \times id_{D} \downarrow$$

$$(A \times (B \times C)) \times D$$

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$$as_{A,B,C} \times id_{D} \downarrow$$

$$(A \times (B \times C)) \times D$$

$$as_{A,B,C} \times id_{D} \downarrow$$

$$(A \times (B \times C)) \times D$$

$$as_{A,B,C} \times id_{D} \downarrow$$

$$(A \times (B \times C)) \times D$$