right-hand side of the page, echoing the figure of the boy. The back bore an excellent sketch of "Ye Three Wise Men,"—the dinner committee,—sailing off in the architectural punch-bowl, with a ladle and T-square doing duty for a mast and rudder respectively. As the dessert was brought on, our president, Mr. Aiken, rose and made a short address, finishing by presenting Mr. Rotch as toastmaster, who in turn presented Gen. Walker, president of the Institute, to answer to the toast of "The Institute." Gen. Walker rose amid a storm of applause, and after thanking the company for hearty welcome given him, he went on to say how an architect more than any other professional man stood alone before the world, to be praised or censured for the merits or demerits of his work. To him, he said, Boston seemed one of the handsomest cities, architecturally speaking, on this continent; and in his mind, this was no doubt due to the influence of the Department on the community. During his address he made some allusion to both Prof. Rogers and Mr. Ware, and the great losses we had sustained by their resignations. Speeches were also made by the following gentlemen, in answer to the toasts placed with their names: Mr. Whidden, "The École des Beaux Arts"; Mr. Austin, "Our Travelling Members"; Mr. Greenleaf, "The Expedition at Assos"; Mr. Weatherell, "The Sketch Club"; and Mr. Dodd, "The Profession." Mr. Weatherell, in his reply to the toast of "The Sketch Club," spoke of a hope that at some future time the club would be able to establish a travelling scholarship in the Department; a thing which in his estimation, we were sorely in need of. This was a mere suggestion, and is all very vague as yet; but we thoroughly agree with Mr. Weatherell about the want of such a scholarship, and we sincerely trust the scheme may come to be realized at some not very distant date. Also, a plan for founding an association sketch-book was put forward by Mr. Andrews, and met with such general approval that Mr. Aiken appointed a committee of three, consisting of Mr. Andrews, Mr. Austin, and Mr. Chamberlin, to take action in the matter. When the assembled company had risen from table, we had some concerted music, and Mr. Chamberlin and the other French fellows sang a very amusing little French song; after which the company broke up, having spent a most agreeable evening.

—G. T. S.

THE paper by T. B. C., in a recent issue of the Tech, calling attention to our need of societies and more general intercourse between the students, has already borne fruit in the shape of a mechanical debating society, which has been lately organized. The objects of this society, as set forth in the constitution, are the furtherance of a knowledge of subjects of mechanical interest and the attainment of readiness in debate. Its meetings are held Thursday afternoon of each week, when appropriate topics are discussed, or papers on matters of special interest read by members. The enigmatical initials will probably be recognized by students of mechanics as denoting the sum of all the forces of the department; and this being the case, a resultant of corresponding magnitude will be expected.

At the first regular meeting, G. J. Foran, '83, gave an interesting explanation of the action of steam pumps exemplified by the Deane, Blake, Knowles, and Cameron, and illustrated by diagrams and models. The valve action of the Knowles pump was principally dwelt upon, and the combined rotatory and translatory motion of the secondary piston made clear. At the close, a vote of thanks to Mr. Foran was passed.

On the following Thursday, a debate was held on the question of the relative economy of rotary and non-rotary pumps: Manning, '82, Gale, '83, for the former; Walker, '82, Bryant, '83, for the latter. The discussion lasted an hour or so, the relative merits of different pumps being well brought out. The Worthing-