

(1) Number of pages 6
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MADRAS RECORD OFFICE.

Government of Madras.

DEPARTMENT.

G.O. No.	616	Press Mis.
Dated	18-19	18

Not to be folded or roughly handled

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*Proceedings of the Madras Government, Public Works Department,
1st March 1864.*

No. 18. Read the following Proceedings of the Madras Government in the Military
Department:—

Communicating to the Commander-in-Chief letter from the
Government of India forwarding copy of one from the
Officer Commanding the Benares Division, stating that the
improvements in Mr. Grant's Punkah-pulling Apparatus
although favorably reported on at the commencement of
their trial have yet, in the end, proved unsuccessful, and
failed to meet the end in view. } (Here enter 23rd February 1864, No. 639.)

No. 19. ORDER THEREON, 1st March 1864, No. 616.
Communicated to the Superintending Engineers.
(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

To the Superintending Engineers.

Exd. S. T. Augustin.

MILITARY DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following papers :—

From the Assistant Secretary to the Government of India, Military Department, Fort William, 1st February 1864, No. 10; to the Secretary to Government, Military Department, Fort Saint George.

In continuation of the letter from this Department, No. 854, dated 29th September 1863, I am directed to transmit, for the information of His Excellency the Governor in Council, the accompanying copy of a communication from the Officer Commanding the Benares Division, to the address of the Quarter Master General, No. 205-G, of the 11th December last, and its accompaniments, stating that the improvements in Mr. Grant's Punkah-pulling Apparatus although favorably reported on at the commencement of their trial have yet, in the end, proved unsuccessful, and failed to meet the end in view.

From Major General S. Corbett, Commanding Benares Division, 11th December 1863, No. $\frac{G}{205}$; to the Quarter Master General of the Army, Head Quarters, Camp.

In returning No. 631 of 22nd September, from the Military Department, received with your No. 2663B, I have the honor to enclose, as desired, a copy of the Proceedings of the Standing Barrack Committee on Mr. Grant's Punkahs, together with General Campbell's forwarding letter.

The improvements in the Apparatus however did not meet the object in view, and it would therefore be useless to explain their nature, and the cost of the alterations. Mr. Grant is still engaged in a series of experiments which may perhaps result in overcoming the defects which exist in putting his theory into practice, and in that case a further report will be submitted.

From Major General G. Campbell, Commanding Benares Division, 9th February 1863, No. 41; to the Quarter Master General of the Army, Head Quarters, Camp.

In forwarding the accompanying Report of the Standing Barrack Committee on Mr. Grant's improved Punkah Machine, I beg to express my concurrence in the opinion of the Committee.

2. The Apparatus is not only much more efficient than before, but is also much simpler, and less expensive in construction; a considerable portion of the iron work being altogether dispensed with.

3. In the Machines put up last year the treadles had to be pressed by a man of good weight to the distance apart of some eighteen inches at least, in order to effect a full swing. This was very fatiguing, and Coolies consequently were slack in their work.

4. This difficulty is more completely overcome, as the treadles in the new Machine do not require to be moved more than from six to nine inches to effect a very full swing, and a boy can work them with ease.

Proceedings of the Standing Barrack Committee assembled by order of Major General Campbell, Commanding Benares Division, to examine and report upon recent improvements in Mr. Grant's Punkah Apparatus.

PRESIDENT.

Colonel CHRISTIE, Commanding Royal Artillery in the Division.

MEMBERS.

Dr. DUNBAR, Deputy Inspector General of Hospitals.
Captain PRIESTLY, Executive Engineer.
Captain STEWART, Barrack Master.

The Committee having assembled according to order, proceeded to inspect Mr. Grant's improved Apparatus.

They find the result of the same very satisfactory; the Punkahs swing now with a more smooth and regular motion, and with considerably less motive power being required.

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The Apparatus in No. 1 Barrack was worked in the presence of the Committee by a boy of light weight, and the improvement in the case of working was very marked.

ORDER, No. 639, 23rd February 1864.

Communicated to the Commander-in-Chief, with reference to Proceedings, 21st October 1863, No. 3355.

(True Extract.)

Amurath
Secretary to Government.

To the Quarter Master General.

„ Public Works Department.

„ Barrack Master.

With 20 copies of the

27th 1861, - 10th of Feb
Pro. Governor of Maryland
No 689

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